

Indoor Air Quality

U.S. HUD - HUD recipients can request technical assistance on basically any subject, as long as is it related to NAHASDA. The requests come in to the ONAP Area Office, which typically considers whether the tribe has any other TA needs, and then assembles a TA request package for HQ to consider. From what I have been able to gather, training on indoor air issues has never been requested - but it could be. ONAP has contracts with certain TA providers for these TA requests. Those TA providers may subcontract as needed. The link below names the TA providers and discusses the process. A link to the ONAP CodeTalk website is provided below in case you are interested in getting a better feel for ONAP's Area Office structure. TA process:

<http://portal.hud.gov/hudportal/documents/huddoc?id=onaptaannouce.pdf>

CodeTalk:

http://portal.hud.gov/hudportal/HUD?src=/program_offices/public_indian_housing/ih

Most Recent Listing: EPA Rules from the Federal Register

Contents of the Federal Register for Wednesday, December 14th, 2016

(Past copies can be accessed [here](#)).

Rule

Air Quality State Implementation Plans; Approvals and Promulgations:

Texas; Nonattainment and Reclassification of Houston-Galveston-Brazoria 2008 8-hour Ozone Nonattainment Area

FR Document: [2016-29999](#) Citation: 81 FR 90207 [PDF](#) Pages 90207-90211 (5 pages) [Permalink](#)

Proposed Rule

Renewables Enhancement and Growth Support Rule

FR Document: [2016-29896](#) Citation: 81 FR 90294 [PDF](#) Pages 90294-90295 (2 pages) [Permalink](#)

Notice

Agency Information Collection Activities; Proposals, Submissions, and Approvals:

Reporting and Recordkeeping Requirements under EPA's Natural Gas STAR Methane Challenge Program

FR Document: [2016-30062](#) Citation: 81 FR 90355 [PDF](#) Pages 90355-90356 (2 pages) [Permalink](#)

Removal of Certain Inert Ingredients from the I Substance List for Pesticide Products

FR Document: [2016-30043](#) Citation: 81 FR 90356 [PDF](#) Pages 90356-90358 (3 pages) [Permalink](#)

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Andy Bessler

Project Director



National Tribal Air Association

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Flagstaff, AZ 86011-5004

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Fax: 928-523-1266

www.ntaatribalair.org

To: Mckelvey, Laura[Mckelvey.Laura@epa.gov]
From: Adrienne Hollis
Sent: Wed 12/14/2016 3:31:26 PM
Subject: Re: FW: Public Hearing for 2015 Ozone Implementation Proposal [WARNING: SPF validation failed]

Hi Laura, thank you for the heads up! Also, you were going to forward a copy of comments provided in another document, so that I could see the language used. Just a reminder...

Adrienne

Dr. Adrienne L. Hollis, Esq.
Director of Federal Policy
WE ACT for Environmental Justice
50 F Street, NW, Seventh Floor
Washington, DC 20001
office: Ex. 6

Email: Adrienne@weact.org

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On Tue, Dec 13, 2016 at 1:52 PM, Mckelvey, Laura <Mckelvey.Laura@epa.gov> wrote:

Hi folks,

I've talked to each of you about this proposal in the past so I wanted you to be aware of the public hearing and the extension of the comment period.

Thanks

Laura

From: Cortelyou-Lee, Jan
Sent: Tuesday, December 13, 2016 1:50 PM
To: Perez, Idalia <Perez.Idalia@epa.gov>; Koerber, Mike <Koerber.Mike@epa.gov>; Mckelvey, Laura <Mckelvey.Laura@epa.gov>
Cc: Brachtl, Megan <Brachtl.Megan@epa.gov>; Drinkard, Andrea <Drinkard.Andrea@epa.gov>

Subject: Public Hearing for 2015 Ozone Implementation Proposal

Please let your key stakeholders know that Steve Page just signed a notice announcing a public hearing for the Proposed Rule Implementing the 2015 Ozone Standards (Classifications and State Plan Requirements) which published in the Federal Register on November 17, 2016.

The hearing will be held on Thursday, January 12, 2017, in Washington, D.C.

The notice is also announcing extension of the comment period for the proposed rule to February 13, 2017, to allow sufficient time after the public hearing for commenters to submit comments.

We will get the notice posted on the web at: <https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state> this afternoon.

Jan Cortelyou-Lee

US Environmental Protection Agency

Office of Air Quality Planning and Standards

MD-C404-03

109 TW Alexander Drive

Research Triangle Park, NC 27709

Desk: [919-541-5393](tel:919-541-5393)

Cell: Ex. 6

To: rich@richmcallisterlaw.com[rich@richmcallisterlaw.com]; Mckelvey, Laura[Mckelvey.Laura@epa.gov]
From: Andy Bessler
Sent: Tue 12/13/2016 7:40:53 PM
Subject: RE: FW: Public Hearing for 2015 Ozone Implementation Proposal

Thanks Laura....

Andy

Andy Bessler

Project Director



National Tribal Air Association

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From: rich@richmcallisterlaw.com [mailto:rich@richmcallisterlaw.com]
Sent: Tuesday, December 13, 2016 12:19 PM
To: Mckelvey, Laura <Mckelvey.Laura@epa.gov>
Cc: Andy Bessler <Andy.Bessler@nau.edu>

Subject: RE: FW: Public Hearing for 2015 Ozone Implementation Proposal

Hi Laura,

Thanks for the update!

Best wishes, Rich

----- Original Message -----

Subject: FW: Public Hearing for 2015 Ozone Implementation Proposal

From: "Mckelvey, Laura" <Mckelvey.Laura@epa.gov>

Date: Tue, December 13, 2016 11:52 am

To: Adrienne Hollis <adrienne@weact.org>, Nicky Sheats
<newbian8@verizon.net>, "rich@richmcallisterlaw.com"
<rich@richmcallisterlaw.com>

Hi folks,

I've talked to each of you about this proposal in the past so I wanted you to be aware of the public hearing and the extension of the comment period.

Thanks

Laura

From: Cortelyou-Lee, Jan

Sent: Tuesday, December 13, 2016 1:50 PM

To: Perez, Idalia <Perez.Idalia@epa.gov>; Koerber, Mike
<Koerber.Mike@epa.gov>; Mckelvey, Laura <Mckelvey.Laura@epa.gov>

Cc: Brachtl, Megan <Brachtl.Megan@epa.gov>; Drinkard, Andrea
<Drinkard.Andrea@epa.gov>

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Jan Cortelyou-Lee

US Environmental Protection Agency

Office of Air Quality Planning and Standards

MD-C404-03

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Cc: Elaine Hale Wilson[Elaine.Wilson@nau.edu]; Dara Renee Marks-Marino[Dara.Marks-
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nelson[mansel.nelson@nau.edu]
From: Andy Bessler
Sent: Tue 1/2/2018 5:34:12 PM
Subject: Draft NTAA Weekly Update for your review and approval
[1.3.18NTAAWeeklyUpdate.docx](#)

Hello Everyone and Happy New Year:

Please find the attached first draft weekly update of 2018 for your review and approval.

Please send me any and all edits by 8 am PT on Wednesday, January 3 and I will publish it shortly thereafter.

Thanks to Dara for getting this draft out the door!

Andy

Andy Bessler

Project Director



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National Tribal Air Association

NTAA Weekly Update

**Week of January 1st-
January 5th, 2018**

If you have difficulty reading this email, click here to view it online.

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TOP STORIES

NEW NTAA Policy Response Kit for Tribes!

The NTAA encourages you to use NTAA's latest Policy Response Kit to comment on the Proposed Repeal of the Clean Power Plan. Comments to EPA are due by January 16, 2018. NTAA's PRK includes the comment letter NTAA submitted, a Fact Sheet, and a Comment Letter Template for Tribes to use. [Click here to access the PRK.](#)

This is a separate action than the Advance Notice of Proposed Rulemaking to Consider CPP Replacement (see that [Federal Register notice here](#)). The deadline to submit comments for the ANPR is February 26, 2018.

The NTAA requests your participation in producing the **2018 Status of Tribal Air Report (STAR)**. The STAR Work Group will meet by telephone every other Wednesday from January 10 through the end of April at 1pm ET. To join the first call on January 10 at 1pm ET, call the NTAA conference call number 1-805-309-2350, or toll free 1-800-309-2350, and enter call code 928-523-0526#. Also contact NTAA's Dara Marks Marino at Dara.Marks-Marino@nau.edu in order to receive email updates and the link to the GoToWebinar for the calls.

The 2018 National Tribal Forum on Air Quality will be held on May 14-17 in Duluth, Minnesota!

The NTF provides environmental professionals from tribes, EPA, and other organizations an opportunity to meet and discuss current policies, regulatory initiatives, technical, and other relevant topics in air quality and climate change.

- Optional training sessions on Monday 5/4
- \$75 registration fee (online registration opens in January)
- Scholarship support for tribal attendees
- Sponsorship opportunities available

Be sure to check www.nau.edu/ntfaq for updates.

Many funding opportunities posted below! With the start of a new year comes many new funding opportunities. Don't miss the "Funding Opportunities" section in this Weekly Update edition beginning on page 15.

HEADLINES

Ambient Air Quality/EPA/NTAA/Tribes

Splinter – [Trump Interior Department Rescinds Obama-Era Fracking Rule](#)

E&E News – [Pressured by lawsuits, EPA advances ozone, SO2 designations](#)

EPA – [EPA Advances Cooperative Federalism through Designation Process for Sulfur Dioxide and Ozone Standards](#)

NPR – [China's Crackdown on Polluters](#)

Inside Climate – [How Federal Giveaways to Big Coal Leave Ranchers and Taxpayers Out in the Cold](#)

Washington Post – [How Scott Pruitt turned the EPA into one of Trump's most powerful tools](#)

National Association of Clean Air Agencies – [Washington Update](#)

Climate Change/Energy

Axios – [Eight energy and climate issues to watch in 2018](#)

The Weather Channel - [More Than 300 Toxic Superfund Sites Threatened by Climate Change, AP Investigation Reveals](#)

The Arctic Institute - [Subsistence, A Way of Life: How Climate change is Affecting Alaskan Traditions](#)

Ensis – [Has the Time Finally Come for Offshore Wind Energy on the Great Lakes?](#)

Ensis – [Seeking Answers on Climate Change, Scientists Venture Into the Vaults of the Past](#)

NPR – [2017 Was the Year of Extreme Weather](#)

USA Today – It's cold outside, but that doesn't mean climate change isn't real

Washington Examiner – Earth becoming a desert without climate deal, scientists warn

NY Times – It's Cold Outside. Cue the Trump Global Warming Tweet.

Pipelines/Mining

Native Sun News – Honor the Earth calls on SD to revoke Pipeline Permit

E&E News – Oil and gas 2017 in court: Regulations, pipelines and public lands

Toxics/Mobile Sources

NY Times – What Needs to Happen Before Electric Cars Take Over the World

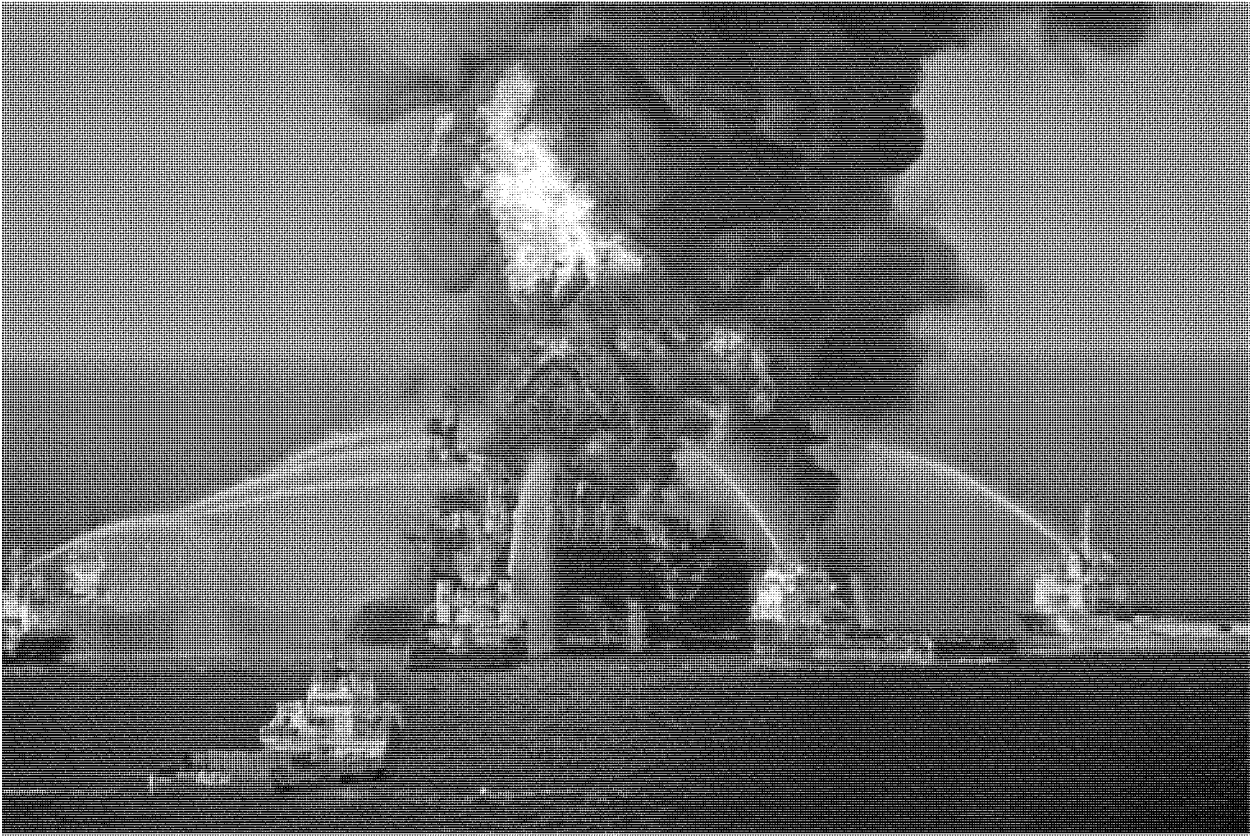
The Guardian – Vehicles are now America's biggest CO2 source but EPA is tearing up regulations

Indoor Air Quality

NPR – Federal Appeals Court Gives EPA 90 Days to Propose Long-Awaited Lead Standards

Photos from the field

NY Times – U.S. to Roll Back Safety Rules Created After Deepwater Horizon Spill



The Deepwater Horizon drilling platform after an explosion in April 2010. Photo Credit: United States Coast Guard

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UPCOMING CALLS/EVENTS

Ambient Air Quality/EPA/NTAA/Tribes

NTAA Upcoming Calls. The toll-free number is 1-800-309-2350. If you do not need to call toll free, or would like to help conserve NTAA funding, you can call 1-805-309-2350. Both numbers use code 928-523-0526#.

Contact Andy.Bessler@nau.edu if you have any questions about any call!

Registration instructions When you register for the GoToWebinar, please remember to include your Tribe, Region, or Organization in parenthesis after your last name. This allows you to see everyone on the call and prevents us from conducting a roll-call, ultimately saving everyone's time.

Status of Tribal Air Report Work	Wednesday, January 10, 1pm ET
---	-------------------------------

Group: This group meets every other Wednesday, January-April, to produce the STAR	
Volkswagen Settlement Work Group: Continue to help in the next steps of this settlement	Thursday, January 11, 2pm ET
Indoor Air Quality Work Group: Help implement IAQ priorities and develop webinars	Thursday, January 18, 2pm ET
EPA Policy Update Call: Receive updates from EPA	Thursday, January 25, 2pm ET

The U.S. Environmental Protection Agency (EPA) is initiating consultation and coordination with federally-recognized Indian Tribes on two draft Grants Policy Issuances and one grants guidance document. When final, tribal governments that receive EPA financial assistance will need to comply with the requirements described in these documents and timely input from tribes is needed to ensure that tribal concerns and/or suggestions can be considered:

Draft EPA Electronic Payment and Proper Payment Drawdown Policy

EPA has drafted a policy for making the process for paying recipients of EPA financial assistance more reliable and efficient by requiring that all recipients participate in the Automated Standard Application for Payments (ASAP) system unless EPA grants a waiver due to undue burdens.

Draft EPA Policy on Direct Charges for Proposal Preparation Costs

Under statutes authorizing Performance Partnership Grants (PPG), Continuing Environmental Program (CEP) grants, and Indian Environmental General Assistance Program (GAP) grants, to directly charge proposal preparation costs to these agreements if certain conditions are met.

EPA has issued the Interim Best Practice Guide for Procuring Services, Supplies, and Equipment Under EPA Assistance Agreements (Interim Procurement Guide). The Interim Procurement Guide provides advice to recipients of EPA financial assistance (grants and cooperative agreements) on how to comply with the Procurement Standards in the Uniform Grant Guidance, 2 CFR Part 200 as well as EPA's Subaward Policy and related guidance.

This consultation and coordination process will be conducted in accordance

with the *EPA Policy on Consultation and Coordination with Indian Tribes* (www.epa.gov/tribal/consultation/consult-policy.htm). EPA invites you and your designated consultation representative(s) to participate in this process. EPA's anticipated timeline for the consultation and coordination period is expected to be from December 11, 2017, through February 16, 2018. For more information, [click here](#) or email Elizabeth January at january.elizabeth@epa.gov.

**NATIVE AMERICAN FISH AND WILDLIFE SOCIETY
SOUTHWEST REGION Now Accepting Applications for the 21st Annual
Natural Resources Youth Practicum**

Location: Rio Mora National Wildlife Refuge, Waltrous, New Mexico

Dates: June 18-22, 2018

Do you want to know what Natural Resource Management is about?

Come join us as we provide a "hands-on" learning experience in the field of natural resource management with combined classroom and field sessions that enables you to become involved in all aspects of natural resource management & conservation.

The NAFWS Natural Resource Youth Practicum is open to all incoming

10th through 12th graders (No cost to Participating Students)

For further information and an application contact:

Norman Jojola – (505) 753-1451 or (505) 927-3494 (cell) norman.jojola@bia.gov
or

Jeanne Lubbering – (505) 259-4189 (leave a message) petlbtj@higher-speed.net

The Institute for Tribal Environmental Professional's (ITEP's) Tribes and Climate Change Calendar includes conferences, trainings, webinars and other events related to tribes and climate change.

[Click here](#) for ITEP's other trainings and events.

[Click here](#) for ITEP's new Tribal Environmental Management and Planning Online Courses. New courses have been added, so check it out!

ITEP's 2018 AIAQTP Course Schedule

Course Title	Dates	Location
2018		
Introduction to Tribal Air Quality	January 9-12	Flagstaff, AZ
IAQ Diagnostic Tools	February 6-9	TAMS Center, Las Vegas, NV
Air Quality Computations	February 27-March 2	Phoenix, AZ

Air Pollution Technology	March 13-16	Flagstaff, AZ
Air Quality Planning for Wildland Smoke (hybrid course)	March 27-28	Boise, ID
GIS for Air Quality	April 17-19	TAMS Center, Las Vegas, NV
Air Quality in Alaska	April 17-20	AK
Management of Tribal Air Programs and Grants (lower 48)	May 1-3	TBD
National Tribal Forum on Air Quality	May 14-18	Duluth, MN
Air Pollution & Ecosystems	June 5-8	Flagstaff, AZ
Building Performance: Improving IAQ in Cold Climates	Open	Online
Residential Building Science Review	Open	Online
Radon Fundamentals	Open	Online
Quality Assurance (QA) Fundamentals	Open	Online
Quality Assurance Project Plans (AOP)	Open	Online
Emissions Inventory (self-paced, instructor assistance as needed)	Open	Online
Air Quality Planning for Wildland Smoke	January-March	Hybrid (webinars/classroom)

Note: This schedule is subject to change. [Click here](#) for up-to-date information, course descriptions, and applications. If you have questions regarding the pre-requisites or your eligibility for a course, please contact Patricia Ellsworth, Air Quality Curriculum Coordinator, at Patricia.Ellsworth@nau.edu or phone 928-523-6721. For more information, please visit [ITEP's website](#).

Air Quality Planning for Wildland Smoke: January-March, 2018.

Registration for Webinar Series

This webinar series will provide attendees with an understanding of the impacts of wildland smoke on the health of tribal communities and strategies to minimize exposure. Each 90-minute webinar will feature presentations on the topics listed below. The webinars are free and open to anyone. The webinars will be recorded.

To Register for the webinars, send an email to: baldwin.joyce@epa.gov

In your email, you may request registration for a particular webinar or for all of them.

If you have questions about registration, please call Regina Chappell at 919-541-

3650.

❖ **Webinar 1 – January 18, 2018, 2:00 pm EASTERN STANDARD TIME**

Presenter: M. Ian Gilmour, Chief, Cardiopulmonary and Immunotoxicology Branch, Environmental Public Health Division - NHEERL/ORD/USEPA

Presentation: *Comparative Toxicity of Biomass Smoke from Different Fuels and Combustion Conditions*

Presenter: Tesh Rao, Environmental Engineer, Emissions Inventory and Analysis Group/OAQPS/EPA

Presentation: *EPA Methods for National Wildland Fire Emission Inventories, and Resulting WLF Emission Estimates Over Tribal Lands*

Presenter: Dr. Sverre Vedal, Professor, Environmental and Occupational Health Sciences; Adjunct Professor, Medicine; University of Washington

Presentation: *Wildfire Smoke and Your Health*

❖ **Webinar 2 – February 1, 2018, 2:00 pm EASTERN STANDARD TIME**

Presenter: Kirk Baker, Physical Scientist, U.S. Environmental Protection Agency

Presentation: *Modeling Tools and Monitor Information for Smoke Impacts*

Presenter: Carolyn Kelly, Smoke Management Field Coordinator, Washington Department of Natural Resources

Presentation: *Where There's Wildland Smoke – There Are Air Resource Advisors!*

Presenter: Gayle Hagler, Assistant Laboratory Director, National Exposure Research Laboratory

Presentation: *Overview of Emerging Air Quality Monitoring Technologies and Their Data*

❖ **Webinar 3 – February 15, 2018, 2:00 pm EASTERN STANDARD TIME**

Presenter: Susan Lyon Stone, Senior Environmental Health Scientist, US EPA Office of Air Quality Planning and Standards

Presentation: *Reducing the Public Health Impacts of Smoke*

Presenter: Nannette Vaughn, Webmaster, Confederated Tribes of the Colville Reservation

Presentation: *Getting the Word Out About Air Quality Using Facebook*

Presenter: Kathy Moses, Communications Specialist, Confederated Tribes of the Colville Reservation

Presentation: *Ready, Set, Go – Information on Wildfires*

❖ **Webinar 4 – March 1, 2018, 2:00 pm EASTERN STANDARD TIME**

Presenter: Joe Hostler, Environmental Protection Specialist – Air Quality Program Manager, Yurok Tribe Environmental Program

Presentation: *The Yurok Tribe's Wildfire Disaster Response and*

Reintroduction of Prescribed Fire to Help Prevent Future Wildfires

Presenter: Kris Ray, Air Quality Program Manager, Confederated Tribes of the Colville Reservation

Presentation: *Preparing for the Next Wildland Fire Season*

Presenter: Martha Turner, Environmental Coordinator, Nulato Village, Alaska

Presentation: TBA

❖ Webinar 5 – March 15, 2018, 2:00 pm EASTERN DAYLIGHT TIME

Presenter: Tony Ward, Professor, School of Public and Community Health Sciences, University of Montana

Presentation: *Residential and Community Strategies to Prevent Forest Fire Smoke Exposures*

Presenter: LCDR Matthew Ellis, MPH, REHS, Institutional Environmental Health Officer/ Emergency Management Coordinator, U.S. DHHS/ Indian Health Service-Portland Area Office of the Director

Presentation: *Industrial Air Scrubbers During Wildfire Conditions: A Public Health Intervention*

Presenter: Lesanna Lahner, DVM

Presentation: *Protecting the Health of Pets and Livestock*

All webinars must be completed prior to the in-person workshop for tribes, March 27-28, 2018, in Boise, Idaho. The in-person workshop application is available on the ITEP website:

http://www7.nau.edu/itep/main/Training/training_air.

If you would like additional information please contact Pat Ellsworth, Institute for Tribal Environmental Professionals, at patricia.ellsworth@nau.edu or 928-523-672.

Climate Change / Energy

ITEP's Climate Change Adaptation Training Courses registration is online!

[Learn more about the courses and register here.](#)

Toxics/Mobile Sources

Indoor Air Quality

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RESOURCES

Now Hiring!

Education Coordinator for the Bosque Ecosystem Monitoring Program (BEMP) Position based at Bosque School

Application deadline: January 31, 2018

Job Position Opening at the Bosque Ecosystem Monitoring Program:

Full Time Education Coordinator for a citizen science program in Albuquerque New Mexico. The Bosque Ecosystem Monitoring Program (BEMP) is looking for a full time Education Coordinator to ensure that BEMP's education programs are exemplary, just, and scientifically rigorous.

[See job posting here.](#)

Qualifications: Masters Degree and 5 year's experience

Check out <http://bemp.org/employment-opportunities/> for more details.

Minnesota Pollution Control Agency is hiring an Environmental Justice Outreach Coordinator

Closing date: January 11, 2018

Job Summary: The position will play a key role in supporting the MPCA's Environmental Justice framework and mission to ensure fair treatment and meaningful involvement of all Minnesotans regardless of race, color, national origin, or income with respect to the development, implementation and enforcement of environmental laws, regulations and policies.

The position will cultivate and maintain external relationships, primarily with members and representatives of communities with potential environmental justice concerns, to improve access by underserved and underrepresented communities and bring together agency staff and external stakeholders to address the MPCA's environmental justice efforts. The position will also help integrate environmental justice principles into agency operations, programs, and policies, and will support ongoing analysis, outreach, implementation, and monitoring of the MPCA's achievement of environmental justice goals.

Responsibilities include serving as the Agency's lead staff for external engagement, education and communication on environmental justice both at the Agency-wide and at the program or project-specific level and on both short-term/strategic and long-term issues. In addition, the position will support efforts to integrate environmental justice principles into agency goals, policies and actions and coordinate Advisory group agendas, meeting notes, logistics, etc.

For more information go to <https://mn.gov/mmb/careers/> and search

“Pollution Control Agency Job ID #18346”. Contact patty.atchison@state.mn.us with questions about the position.

HUD: Administrator in the Office of Native American Programs, Anchorage, AK

Closing date: 1/8/2018

Responsibilities:

- Assess tribes and Tribally Designated Housing Entity's (TDHE) concerns, broad trends, and technical assistance needs; develop and revise procedures to improve the effectiveness of the office and to adjust to changing conditions.
- Maintains contacts with tribal officials, tribal council members, TDHE directors, and tenant groups, local, state, and other Federal agency officials to effectively administer the Department's programs and resolve sensitive and controversial issues.
- Directs a staff of specialists in the aforementioned functional areas through subordinate supervision to provide performance oversight, compliance assurance, technical assistance coordination, and program implementation for tribes, TDHEs, and client groups under the Area Office of Native American Programs (ONAP) jurisdiction.
- Ensure the effective and efficient linkages among key parties such as Tribal officials, Tribally Designated Housing Entity (TDHE) directors, tenant groups, associations, other Federal agencies, and Departmental staff.

More information: [USA Jobs #487377400](#)

Ambient Air Quality/EPA/NTAA/Tribes

HOST SITES NEEDED FOR ITEP'S SUMMER INTERNSHIP PROGRAM

Submit your application by January 19, 2018!

The Institute for Tribal Environmental Professionals – Environmental Education Outreach Program at Northern Arizona University in Flagstaff, Arizona, is seeking air quality focused offices and programs to host a college student for an 8-week summer internship. Tribal environmental offices, EPA offices, and other tribal environmental organizations are encouraged to apply. Please feel free to pass the announcement on to anyone who may be interested in applying as a host site.

Projects **MUST** focus on addressing air quality issues in tribal communities.

For detailed information on the internship and requirements, see the attached flyer or visit our internship web-site:

<http://www7.nau.edu/itep/main/eeop/Internships/>

FOR QUESTIONS, PLEASE CONTACT: ITEP Intern Coordinator EEOP-
INTERN@nau.edu

The U.S. Environmental Protection Agency (EPA) is currently seeking nominations from a diverse range of candidates to serve on the National Advisory Council for Environmental Policy and Technology (NACEPT).

Deadline: January 3, 2018

This is a great opportunity for concerned citizens to assist the agency in advancing its mission to protect human health and the environment. EPA established NACEPT in 1988 to provide advice to the EPA Administrator on a broad range of environmental policy, technology and management issues. Members serve as representatives from academia, business and industry, non-governmental organizations, and, local, state, and tribal governments.

EPA is seeking nominations from candidates representing all sectors noted above. Individuals with a strong background in the following fields are encouraged to apply: data management/monitoring, social science, economic initiatives, public health, biodiversity, community sustainability, environmental policy/management, and environmental justice.

The following criteria will be used to evaluate nominees:

- Professional knowledge of environmental policy, management, and technology issues.
 - Demonstrated ability to assess and analyze environmental challenges with objectivity and integrity.
 - Middle/Senior-level leadership experience that fills a current need on the Council.
 - Excellent interpersonal, oral and written communication skills, and consensus-building skills.
 - Ability to volunteer approximately 10 to 15 hours per month to the Council's activities, including participation in face-to-face meetings, video/teleconference meetings and preparation of documents for the Council's reports and advice letters.
- In order to fill anticipated vacancies by April 2018, nomination packages should be received by January 3, 2018. For full details regarding the nomination process and to learn more about NACEPT, please visit:

<https://www.gpo.gov/fdsys/pkg/FR-2017-11-21/html/2017-25188.htm>

For additional information regarding this notice, please contact Eugene Green at (202) 564-2432 or the Federal Advisory Committee Management Division at (202) 564-2294.

EPA Tools and Resources Webinar Series

Usually held the third Wednesday of every month from 3:00-4:00 PM ET

Who should attend? Representatives of state environment and health agencies, tribes, local governments, communities, and others interested in learning about EPA tools and resources available to help inform decision-making.

[Access past webinars and learn more here.](#)

No-Cost Technical Assistance from DOE

The DOE Office of Indian Energy provides federally recognized Indian tribes, including Alaska Native villages, tribal energy resource development organizations, and other organized tribal groups and communities, with technical assistance to advance tribal energy projects at no cost. Technical experts from DOE and its national laboratories, along with other partnering organizations, provide support to assist Indian tribes and Alaska Native villages with energy planning, housing and building energy efficiency, project development, policy and regulation, resilience, and village power.

For more information, visit the on-request [technical assistance description](#).

To view and/or receive ITEP's American Indian Air Quality Training Program newsletter, [Native Voices](#), [click here!](#)

Climate Change/Energy

Sign up for the [Alliance for Green Heat's](#) newsletter!

To view and/or receive ITEP's [Climate Change newsletter](#), [click here!](#)

Toxics/Mobile Sources

Indoor Air Quality

Be sure to sign up for [EPA's Healthy Indoor Air newsletter](#).

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FUNDING OPPORTUNITIES

Ambient Air Quality/EPA/NTAA/Tribes

New Process for Submitting Grant Proposals to EPA Begins January 1, 2018

Starting January 1, 2018, EPA will require a new process called "Workspace" for

submitting grant proposals/applications through grants.gov. EPA's Office of Grants and Debarment recorded two Grants.gov-led sessions that provides training and a demonstration on Workspace. Recordings of these webinars can be found [here](#).

15th Annual P3 Awards: A National Student Design Competition Focusing on People, Prosperity and the Planet

URL: <https://www.epa.gov/P3/p3-funding-opportunities>

Open Dates: Dec. 21, 2017 through Feb. 7, 2018

The U.S. Environmental Protection Agency (EPA) announces the release of the 15th Annual P3 Awards: A National Student Design Competition Focusing on People, Prosperity and the Planet (P3) Phase I Request for Applications (RFA). This collegiate design competition promotes the use of scientific and engineering principles in creating innovative projects to address challenges and develop real world solutions. This RFA is seeking applications in the research areas of air quality, clean and safe water, land revitalization, and safer chemicals in the marketplace.

Join us in January 2018 for an informational webinar about the P3 RFA and application process. Webinar details will be posted early January on the [P3 website](#), don't miss it!

P3 Program: The P3 program is a two-phase team competition. For the first phase, interdisciplinary student teams submit proposals to compete for \$15,000 grants for project ideas addressing environmental solutions. Recipients use the funding to research and develop their design projects during the academic year. In the spring, teams compete for P3 Phase II grant funding of up to \$75,000 to implement their projects in a real world setting.

P3 was developed to foster progress by achieving the mutual goals of improved quality of life, economic prosperity, and protection of the planet - people, prosperity and the planet. EPA's P3 Program offers technical solutions to implement while supporting education in Science, Technology, Engineering and Mathematics (STEM). These grants propel the next generation of scientists, engineers, and researchers to think critically about current events and develop innovative solutions.

For general information on how to apply, visit <https://www.epa.gov/P3/how-apply-p3-grant>. The P3 Student Design Competition is part of EPA's Sustainable and Healthy Communities (SHC) Research Program, which supports the development of science and tools to help communities make better decisions toward a healthy society and environment.

Bureau of Reclamation Provides Technical Assistance Funding Opportunity to Tribes

The Bureau of Reclamation has issued a funding opportunity for technical assistance to Indian tribes and tribal organizations through the Native American Affairs Technical Assistance to Tribes Program. This program is intended to establish cooperative working relationships, through partnerships with Indian tribes and tribal organizations, to ensure that tribes have the opportunity to participate fully in Reclamation's Program as they develop, manage, and protect their water and related resources.

This funding opportunity is available on [grants.gov](https://www.grants.gov) by searching for funding opportunity BOR-DO-18-F001. The deadline for submission of proposals is January 17, 2018.

Eligible proposals that are not awarded during the current fiscal year due to a lack of time or available funding may be retained by Reclamation for consideration in the next fiscal year if the applicant agrees. Reclamation will contact applicants should this circumstance arise to discuss available options.

For additional information, please visit <https://www.usbr.gov/native/> or contact Kelly Titensor at ktitensor@usbr.gov.

EPA 2018 National Environmental Information Exchange Network Grant Program – \$6 million

Applications Due: January 26, 2018

Eligible Entities: States, U.S. Territories, Tribal Governments (or intertribal consortia), and Alaska Native Villages

The National Environmental Information Exchange Network (EN) is an inter-governmental partnership to foster better environmental management and decision-making through increased access to timely and high quality environmental information. For the FY 2018 competitive grant process, the EPA Exchange Network Grant Program is soliciting project proposals that use the Environmental Information Exchange Network (EN) to:

- Facilitate sharing environmental data, especially through shared and reusable services.
- Streamline data collection and exchanges to improve its timeliness for decision making.
- Increase the quality and access to environmental data through discovery, publishing, outbound, and analytical services so it is more useful to environmental managers.
- Develop foundational EN shared services (e.g., network security or corporate portals) to reduce burden and avoid costs for co-regulators and the

regulated community.

- Expand and improve participation in the EN by strengthening the requisite information management and technology capabilities for interested parties to fully participate in the EN.

In FY 2018, EPA expects to award about \$6,000,000 for 20-25 assistance agreements of up to \$400,000 each. For more information, visit the [funding opportunity description](#).

EPA EJ Collaborative Problem-Solving Grants Opportunity is Now Open!! 2018 Request for Proposals

Full Proposal Due Date: *Friday, February 16, 2018 by 11:59 PM Eastern Time*

The Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program provides funding to support community-based organizations in their efforts to collaborate and partner with local stakeholder groups (e.g., local businesses and industry, local government, medical providers, and academia) as they develop and implement solutions that address environmental and/or public health issues for underserved communities. The EJCPS program will award approximately \$1.2 million nationwide for this competitive opportunity. EPA anticipates awarding ten cooperative agreements (one in each of the ten EPA Regions) of up to \$120,000 each.

How can I apply? Click [this link to go directly to the EJCPS program website](#) to access the full RFP including instructions on applying through Grants.gov. For more information, visit the [funding opportunity description](#).

Climate Change/Energy

DOE State Energy Program FY17 Competitive Funding – \$5 million

Applications Due: January 11, 2018

Eligible Entities: State entities are eligible to apply for funding as a Prime Recipient or participate as a Sub-Recipient

The U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy's (EERE) State Energy Program (SEP) seeks applications for Fiscal Year 2017 Competitive Financial Assistance Awards. This competitive funding opportunity announcement (FOA) will allow states to compete for EERE funding focused on three areas of interest:

- State Energy Planning
- Innovative Opportunities for Energy Efficiency and Renewable Energy Practices that Improve Energy Affordability, Reliability and Resiliency

- Technical Assistance to Advance SEP Formula Grant Clean Energy Activities.

Typically each year, SEP awards funds competitively to states for projects that help states meet their energy goals and explore opportunities for regional collaboration and partnerships. In a typical year, SEP chooses areas on which to focus, and states may apply for funding under any area with the flexibility to choose specific topics or approaches to achieving their energy goals. Recognizing that several states are interested in a more streamlined process, DOE has included the third topic on technical assistance to help states advance SEP formula grants and is open to exploring options to simplify the competitive application process in the future.

For more information, visit the [WIP website](#) or [EERE Exchange](#).

DOE Energy Infrastructure Deployment on Tribal Lands

Applications Due: To Be Announced

Eligible Entities: Indian Tribes (including Alaska Native Regional Corporations and Village Corporations) and Tribal Energy Resource Development Organizations

The DOE's Office of Indian Energy will be continuing its efforts to maximize the deployment of energy solutions for the benefit of American Indians and Alaska Natives and help build the knowledge, skills, and resources needed to implement those energy solutions. In support of these objectives, the DOE's Office of Indian Energy may solicit applications from Indian Tribes to promote Indian tribal energy development, efficiency, and use, including: (1) Install energy efficiency measures and/or energy generating system(s) for Tribal Buildings; or, (2) Deploy community-scale energy generating system(s) on Tribal lands; or, (3) Install energy system(s) for autonomous operation to power a single or multiple essential tribal loads for a short period of time during an emergency situation or for long-term tribal community resilience.

DOE's Office of Indian Energy plans to issue the FOA on or about December 2017 or January 2018 via the [EERE Exchange website](#).

For more information, visit the [Notice of Intent](#).

NOAA Climate and Societal Interactions Competitions

Applications Due: March 16, 2018 (Letters of intent due January 5, 2018)

Eligible Entities: State, local, and Indian tribal governments

Three (3) NOAA Climate and Societal Interactions (CSI) programs are holding competitions under this Federal Funding Opportunity: the Regional Integrated Sciences and Assessment (RISA) Program - South Central Region competition; the Coastal and Ocean Climate Applications program (COCA)/RISA Pilot on Coastal Climate Extension Competition, and the International Research and Applications Project (IRAP): Decision Support Research on Climate-Sensitive Health Risks.

RISA - South Central Region is holding one competition for research funding and is accepting applications for an award up to four years for a RISA team focused on the South Central region of the U.S. (Oklahoma, Texas, Louisiana, Arkansas, and coastal Mississippi).

COCA & RISA Pilot on Coastal Climate Extension Competition is a collaboration between the COCA and RISA programs on a one time, two-year pilot project to support and expand coastal climate extension within the RISA network.

For FY18, the COCA program is soliciting proposals for coastal climate extension specialists in up to two RISA coastal regions (Mid-Atlantic and South Central).

IRAP: Decision Support Research on Climate-Sensitive Health Risks is soliciting proposals of interdisciplinary, applied science, stakeholder engagement, and capacity building activities that advances the integration of weather and climate research, assessments and services in practical risk management settings related to health risks that affect U.S. interests at home and abroad.

For more information, visit the funding opportunity [description](#).

NOAA Environmental Literacy Grants: Supporting the Education of K-12 Students and the Public for Community Resilience – \$2 million

Applications Due: April 6, 2018

Eligible Entities: State, local, and Indian tribal governments

The goal of this Federal Funding Opportunity (FFO) is to support the education of K-12 students and the public so they are knowledgeable of the ways in which their community can become more resilient to extreme weather events and/or other environmental hazards, and become involved in achieving that resilience. Many U.S. communities are increasingly contending with issues related to preventing, withstanding, and recovering from disruptions caused by extreme weather, such as severe storms, tornadoes, hurricanes, flooding, heavy precipitation events, persistent drought, heat waves, increased global temperatures, acidification

of the ocean, and sea level rise. These extreme weather and climate events put stress on infrastructure, ecological systems, and the humans that live in the impacted places. Education projects focused on resilience enable and empower community members, including children and youth, to protect themselves and their communities from these hazards. Projects through these grants should build the environmental literacy necessary for communities to become more resilient to extreme weather and other environmental hazards they face. Project topics must relate to NOAA's mission in the areas of ocean, coastal, Great Lakes, weather, and climate sciences and stewardship and should focus on one or more of the goals of NOAA's Next Generation Strategic Plan: healthy oceans; weather-ready nation; climate adaptation and mitigation; and resilient coastal communities and economies.

For more information, visit the funding opportunity [description](#).

U.S. Forest Service 2018 Wood Innovations Funding Opportunity – \$7 million

Applications Due: January 22, 2018

Eligible Entities: State, local and Tribal governments; special purpose districts

The U.S. Forest Service requests proposals to substantially expand and accelerate wood energy and wood products markets throughout the United States to support forest management needs on National Forest System and other forest lands.

This Request for Proposal focuses on the following priorities to:

- Reduce hazardous fuels and improve forest health on National Forest System and other forest lands.
- Reduce costs of forest management on all land types.
- Promote economic and environmental health of communities.

One of the two categories of projects funded by this grant is expansion of wood energy markets and wood energy projects. The intent of this category is to stimulate, expand, or support wood energy markets that depend on forest residues or forest byproducts generated from all land types. Projects can include, but are not limited to: (a) developing a cluster of wood energy projects in a geographic area or specific sector (e.g., prisons, hospitals, universities, manufacturing sector, or industrial sector); or (b) overcoming market barriers and stimulating expansion of wood energy in the commercial sector.

For more information, visit the funding opportunity [description](#).

Toxics/Mobile Sources

2017 Tribal Request for Proposals (RFP) Diesel Emissions Reduction Program (DERA) now open!

We are excited to announce a funding opportunity for tribal governments and Alaska native villages. EPA's Office of Transportation and Air Quality is soliciting proposals nationwide for tribal projects that achieve significant reductions in diesel emissions in terms of tons of pollution produced by diesel engines and diesel emissions exposure, particularly from fleets located in areas designated as having poor air quality. EPA anticipates awarding \$1.5 million in DERA grant funding under this announcement.

Important dates

Thursday, October 5, 2017	RFP Opens
Thursday, January 18, 2018; 11:59 pm (ET)	RFP Closes – Proposals Due
Spring 2018	Anticipated Notification of Selection
Spring/Summer 2018	Anticipated Award

Eligible Entities

Eligible entities include tribal governments (or intertribal consortia) and Alaska native villages which have jurisdiction over transportation or air quality.

Eligible Vehicles and Technologies

Eligible diesel vehicles, engines and equipment may include buses, Class 5 – Class 8 heavy-duty highway vehicles, marine engines, locomotives and nonroad engines, equipment or vehicles used in construction, handling of cargo (including at a port or airport), agriculture, mining or energy production (including stationary generators and pumps).

Eligible diesel emission reduction solutions include EPA or California Air Resources Board verified emission control technologies such as exhaust controls, cleaner fuels, and engine upgrades, idle reduction technologies, aerodynamic technologies and low rolling resistance tires, certified engine repowers, clean alternative fuel conversion kits, and/or certified vehicle or equipment replacement.

Additional Resources

For detailed information on eligibility and application requirements, please review the 2017 Tribal Request for Proposals (RFP) on the following webpage: www.epa.gov/cleandiesel/clean-diesel-tribal-grants.

For questions, please contact:

Lucita Valiere DERA Tribal Lead EPA Region 10 Phone: 206-553-8087
Email: valiere.lucita@epa.gov

Indoor Air Quality

The Tribal Healthy Homes Network (THHN) has a webpage dedicated to Funding Opportunities! Additionally, THHN has developed a Funding Guide for American Indian and Alaska Native Communities.

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Most Recent Listing: EPA Rules from the Federal Register

EPA Rules posted today from the Federal Register for Wednesday,

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To: NTAA@LISTS.NAU.EDU[NTAA@LISTS.NAU.EDU]
From: NTAA
Sent: Wed 12/7/2016 4:09:56 PM
Subject: NTAA Weekly Update, December 7th, 2016



National Tribal Air Association

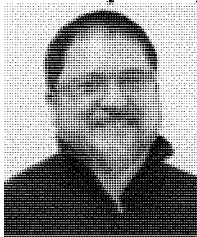
NTAA Weekly Update

*Week of December 5th –
December 9th, 2016*

If you have difficulty reading this email, [click here to view it online.](#)

TOP STORIES

Outgoing Message of the NTAA former Chairman William Q. Thompson, Penobscot Nation Vice Chief:



During this time of holiday celebration and with the upcoming New Years' time of renewal, it is appropriate to announce the arrival of the new NTAA Chairman: Wilfred J. Nabahe, Director of the Colorado River Indian Tribes' Environmental Protection Office. Wilfred has been and will continue to be the representative of Tribes located within the boundaries of EPA's Region 9. The NTAA Executive Committee considers him to be a staunch advocate for the rights of Tribes and a loyal ally in our work to protect the air that we all breathe. He will bring dignity and intelligence to the NTAA

Chairmanship.

It has been a very interesting six years, six months and six days since I was put in as the Chair (it was supposed to last only two years). During this time, I've become friends with many intelligent and capable people with an interest in breathing clean air, and the NTAA has become a family to me. Once one is bitten by the NTAA bug, it never leaves you.

That is what makes NTAA unique: Our sense of unity and purpose. Thank you to each of you for the opportunity to have a seat at this table and to work side by side with you.

The NTAA VW Settlement Work Group call will be holding a monthly update call on Thursday, December 8th, at 3 pm ET, to provide updates on the VW Settlement to settle Clean Air Act violations. To join the work group and the call, please contact NTAA Project Director, Andy Bessler at andy.bessler@nau.edu.

HEADLINES

Ambient Air Quality/EPA/NTAA/Tribes

New York Times - [Protesters Gain Victory in Fight Over Dakota Access Oil Pipeline](#)

NPR - [Standing Rock Leader Asks Those Who Are Not Sioux To Leave Pipeline Protest Area](#)

The Journal – [Four Corners' ozone levels meet tougher standards](#)

The Pioneer - [EPA grants California tribes \\$28 million for environmental projects](#)

Huffington Post - [A Tribal Chairman Talks Trump, Pipelines and Poverty on the Plains](#)

The Hill - [Five potential Trump EPA picks](#)

The Hill - [EPA chief: Pipeline rejections are not a 'policy signal'](#)

The Hill - [EPA seeks to ensure mining companies can pay cleanup costs](#)

WA Today - [Street lamps light the way for air pollution monitoring and smoke detection](#)

National Association of Clean Air Agencies - [Washington Update](#)

Climate Change/Energy

Washington Post - [Al Gore just had 'an extremely interesting conversation' with Trump on climate change](#)

The Hill - [Feds fine North Dakota driller \\$2.1M](#)

Indian Country Today - [KILI Radio Generates Electricity With Wind Turbine](#)

Reuters - [Trump advisors aim to privatize oil-rich Indian reservations](#)

Climate Central - [Warming U.S. Could See Extreme Rains Increase Fivefold](#)

Climate Central - [Climate Change Will Stir 'Unimaginable' Refugee Crisis](#)

Toxics/Mobile Sources

U.S. EPA - [EPA Moves to Ban Certain Aerosol Degreasers and Dry Cleaning Spot Removers as the First Major Regulatory Action under Chemical Reform Law](#)

Reuters - [Auto group tries to block EPA from finalizing vehicle rules](#)

Bloomberg News - [VW's German Execs Gird to Face Questions From U.S. Authorities](#)

Photo from the field

Los Angeles Times - The latest challenge for Dakota Access pipeline protesters: A punishing blizzard



Efrem John, a Dine Navajo from Shiprock, N.M., clears snow from his camp near the Standing Rock Sioux Reservation in North Dakota. (Scott Olson / Getty Images)

UPCOMING CALLS/EVENTS

Ambient Air Quality/EPA/NTAA

Greetings from the Tribal Air Monitoring Support (TAMS)

Center Steering Committee. As a Steering Committee comprised of Tribal environmental representatives from different regions of the country, we are announcing the TAMS Center Technical Needs Assessment to aid the

TAMS Center to better understand the air quality technical support needs and priorities of Tribes. The link to the online questionnaire form is at <http://www7.nau.edu/itep/main/tamsNA/>.

The Technical Needs Assessment will be open until March 10, 2017. The Steering Committee plans on providing the results of the Technical Needs Assessment at the 2017 National Tribal Forum.

U.S. EPA Webinar: Proposed rule: Implementation of the 2015 National Ambient Air Quality Standards (NAAQS) for Ozone: Nonattainment Area Classifications and State Implementation Plan Requirements on Wednesday, December 7, 2016 at 2:00 – 3:30 PM Eastern Time; Link to Join Webinar:

<https://epawebconferencing.acms.com/nonattainment-sip>

Description: On November 2, 2016, EPA proposed requirements that would apply to state, local, and tribal air agencies for implementing the 2015 NAAQS for ground-level ozone. The EPA revised both the health-based and welfare-based standards for ozone on October 1, 2015. This proposed action largely retains and updates the implementing regulations that apply for the 2008 ozone NAAQS, for purposes of the 2015 ozone standards, which creates stability in the planning process. This action also proposes two options for revoking the 2008 ozone NAAQS. The EPA is also seeking comment on a number of additional topics, including: (1) managing emissions from wildfires and wildland prescribed fires; (2) transportation conformity and general conformity; (3) contingency measures; (4) international transport and background ozone; and (5) additional policies for achieving emissions reductions. This webinar is intended to provide highlights of the proposed rule and address clarifying questions. To download a copy of the proposed rule or for more information go to <https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state>.

U.S. EPA Announced an Extension of Public Comment Period for the Draft General Permit under the Clean Air Act Federal Indian Country Minor New Source Review Program – Gasoline Dispensing Facilities

Extension of Comment Period: On September 30, 2016, the United

States Environmental Protection Agency (EPA) provided notice of, and requested public comment on, the EPA's draft general permit for gasoline dispensing facilities for use in Indian country within California pursuant to the Clean Air Act (CAA) Federal Indian Country Minor New Source Review (NSR) program for new and modified minor sources at 40 CFR 49.151 through 49.161.

The EPA is extending the deadline for submitting comments on this action until January 31, 2017. Any person may submit written comments on the draft permit during the public comment period. These comments must raise any reasonably ascertainable issue with supporting arguments by the close of the public comment period. All written comments on the draft general permit must be received or postmarked by January 31, 2017. Comments must be sent or delivered in writing to Lisa Beckham at one of the following addresses: E-mail: R9airpermits@epa.gov. Online Docket: www.regulations.gov, Docket ID: EPA-R09-OAR-2016-0580. Send U.S. Mail to Lisa Beckham (AIR-3) U.S. EPA Region 9, 75 Hawthorne Street, San Francisco, CA 94105-3901

The U.S. EPA 2017 International Emission Inventory Conference will be held at the Hyatt Regency Baltimore on the Inner Harbor Hotel in Baltimore, MD August 14-18, 2017. This conference will focus on how emission inventories meet the challenges posed by improving emissions inventory science and also streamline inventory creation processes to improve the resulting inventories. [Click here](#) to learn more about the conference and how to submit abstracts.

HOST SITES NEEDED FOR SUMMER INTERNSHIP PROGRAM - The Institute for Tribal Environmental Professionals – Environmental Education Outreach Program at Northern Arizona University in Flagstaff, Arizona, is seeking air quality focused offices and programs to host a college student for an 8-week summer internship. Tribal environmental offices, EPA offices, and other tribal environmental organizations are encouraged to apply. The interns will be highly motivated undergraduate or graduate students majoring in environmental or related careers from different colleges and universities nationwide. ITEP provides each student intern with a \$4,000 stipend, and limited housing and travel

allowances. The host site provides a work place and supervision for the intern. The projects MUST focus on addressing air quality issues in tribal communities. Submit an application [online here](#). **Deadline: Apply by January 20, 2017.** For detailed information on the internship and requirements, visit our [internship web-site](#). For more information, contact ITEP Intern Coordinator at EEOP-INTERN@nau.edu.

Join us for a webinar on the new Tribal Data Roadmap! Recently released by the US EPA's Office of Water, and also the first, tribal specific, E-Enterprise for the Environment project, the Tribal Data Roadmap was developed to help tribes navigate the steps needed to manage and submit water quality data via the Water Quality eXchange. (WQX). The webinar will describe how the Roadmap was originally conceived, developed and refined through collaboration with tribes, and will walk users through an example scenario using the Roadmap. Time will also be provided for Q & A at the end of the presentation.

Webinar Date: Thursday December 8, 2016 at 12 pm EST. To participate, [register here first](#) (call-in information will be provided after registering).

U.S. EPA's Science to Achieve Results (STAR) Webinar Series: Black Carbon
Friday, Dec. 9, 12 – 1:30 p.m. EST

[Click here to register for the webinar \(Registration is FREE!\):](#)

Black carbon is the sooty material emitted from combustion processes, and it can affect human health and the climate. Its role in the atmosphere is broad and complex. In 2010, the U.S. Environmental Protection Agency's (EPA) STAR program awarded ten grants to universities and organizations to address [Black Carbon's Role in Global to Local Scale Climate and Air Quality](#). Grantees focused on various black carbon research issues, such as better accounting for emissions and uncertainty, tracking how black carbon "ages" or reacts in the atmosphere, and better representing its ability to impact cloud droplet formation. Highlights from the research findings will be summarized in this four-part

webinar series.

For more information, contact Sherri Hunt (hunt.sherri@epa.gov); 202-564-4486

The Institute for Tribal Environmental Professionals' (ITEP's) Tribes and Climate Change Calendar includes conferences, trainings, webinars and other events related to tribes and climate change. [Click here](#) for ITEP's other trainings and events. [Click here](#) for ITEP's new Tribal Environmental Management and Planning Online Courses. New courses have been added, so check it out!

ITEP's 2016 AIAQTP Course Schedule

ITEP's American Indian Air Quality Training Program Course Calendar:

Course Title	Dates 2017	Location
Air Quality Computations	January 24-27	Phoenix, AZ
Indoor Air Quality (IAQ) Diagnostic Tools (for lower 48)	February 7-10	TAMS Center, Las Vegas, NV
Air Pollution Technology	March 13-17	Flagstaff, AZ
Fundamentals of Air Monitoring (for lower 48)	April 4-6	TAMS Center, Las Vegas, NV
Management of Tribal Air Programs and Grants	February 22-24	Phoenix, AZ
Introduction to Tribal Air Quality	June 6-9	Flagstaff, AZ
Quality Assurance (QA) Fundamentals	Open	Online
Building Performance: Improving Energy Efficiency & IAQ in Alaska	Open	Online
Radon Fundamentals	Open	Online
Emissions Inventory - Fundamentals	2017	Online
Emissions Inventory - Advanced	2017	Online
Disaster Planning for Air Quality	2017	Online

Note: This schedule is subject to change. [Click here](#) for up-to-date information, course descriptions, and applications. If you have questions regarding the pre-requisites or your eligibility for this course, please contact Patricia Ellsworth, Air Quality Curriculum Coordinator, at Patricia.Ellsworth@nau.edu or phone 928-523-6721. For more information, please visit [ITEP's website](#).

U.S. EPA/NTAA Air Policy Update Call – Thursday, January 26th, 2016 at 2:00 pm ET. To participate, please send your request to andy.bessler@nau.edu.

Toxics/Mobile Sources

On December 1, 2016, EPA Administrator Gina McCarthy signed the Federal Register notice announcing the finalization of the 2016 *Protective Action Guides and Planning Guidance for Radiological Incidents*, also known as the PAG Manual. Last revised in 1992, this action brings the PAG Manual up to date with the best available radiation science, giving emergency response officials the tools they need to base critical decisions on current health and safety data.

A copy of the prepublication Federal Register Notice and 2016 PAG Manual can be found at <https://www.epa.gov/radiation/pag-manuals-and-resources>.

The PAG Manual is a federally coordinated radiation emergency planning guide for state and local emergency response organizations. It contains science-based radiation dose guidelines that would trigger public safety measures, such as evacuation or staying indoors, to minimize or prevent radiation exposure during an emergency. Radiation scientists and emergency response planners from multiple federal agencies- including DHS/FEMA, DOE, HHS, DOL/OSHA, USDA, NRC and DOD- worked together to revise the PAG Manual.

New EPA Guidance for Testing Pesticides Will Reduce Animal Testing

EPA is issuing guidance for requesting waivers of acute dermal toxicity testing requirements for pesticide formulations, which will lead to fewer animal tests for acute dermal toxicity for pesticides. Last March, EPA released a “Draft Retrospective Analysis for Waiving Acute Dermal Toxicity Tests for Pesticide Formulations,” which included guidance for pesticide manufacturers to request waivers of acute dermal toxicity studies for formulations.

EPA is now finalizing its Guidance for Waiving Acute Dermal Toxicity Tests for Pesticide Formulations. This guidance is in line with the Office of Pesticide Programs’ Strategic Vision for implementing the 2007 National Research Council’s report on Toxicity Testing in the 21st Century. EPA’s Pesticide Program receives about 200-300 dermal formulation toxicity tests annually, each of which generally use 10 animals per test. We expect this waiver guidance to save 2,500 or more laboratory animals every year.

This new policy represents significant progress toward EPA’s goal of significantly reducing the use of animals in acute effects testing as described in the Office of Pesticide Program’s Director Jack Housenger’s letter to stakeholders. This policy also supports EPA’s vision of only requiring data that inform regulatory decision-making and avoiding unnecessary use of time and resources, data generation costs, and animal testing.

Indoor Air Quality

NTAA’s Indoor Air Quality Work Group will hold its next call on Thursday, January 12th at 2 pm ET. To join the work group or the call, please contact NTAA Project Director Andy Bessler at andy.bessler@nau.edu.

NTAA has re-opened the Indoor Air Quality (IAQ) Needs Assessment for Indian Country! The NTAA IAQ Work Group has re-opened the IAQ

Needs Assessment in hopes that more Tribes will complete the [on-line form found here](#)! In re-opening the IAQ needs assessment, NTAA hopes Tribes who have not previously completed this online form will do so now thus helping Tribal and Federal governmental leaders understand the extent of IAQ needs in Tribal communities. The IAQ Needs Assessment will remain open until **January 30th, 2017**. Please allow at least an hour to complete the IAQ Needs Assessment. For more information on the NTAA IAQ work group that created this needs assessment, please visit NTAA's [website here](#).

Please allocate at least 60 minutes to answer all the questions. When you are finished, simply click on the "submit" button at the end of the survey to ensure your answers are properly counted.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:

Codetalk Homepage:

- [National Tribal Air Association \(NTAA\) has re-opened the NTAA National Indoor Air Quality \(IAQ\) Needs Assessment for Indian Country](#)
[Reminder](#)

RESOURCES

Ambient Air Quality/EPA/NTAA

The EROS (Ecological Responses and Outreach Subcommittee) of the National Atmospheric Deposition Program has just published a brand new educational booklet on Nitrogen Deposition: where it comes from, what it does to ecosystems, how it is measured, and information about the NADP. It is intended for general audiences, probably starting at about 8th grade. [Click here for a copy.](#)

EPA's Public Engagement Highlights is a weekly e-newsletter produced by EPA's Office of Public Engagement which summarizes some of the latest important Agency actions. It's where you can learn about various ways you can engage with EPA and find the Agency's latest blog posts, videos, and additional resources.

Signing up for the e-newsletter is easy! Just visit the [EPA Public Engagement Highlights](#) website where the most recent editions are available and enter your email in the e-newsletter sign-up box located on the upper right. The resulting New Subscriber page will list all available EPA Topics, with "Public Engagement Highlights Newsletter" checked towards the bottom of the page. When setting up your profile, you can select additional subscription topics offered by EPA. You can always unsubscribe at any time.

Climate Change/Energy

ITEP's Tribal Climate Change Newsletter: This monthly newsletter provides news items, resources, announcements about funding opportunities, conferences, and training, and other information relevant to tribal climate change issues.

Report: [From Risk to Return, Investing in a Clean Energy Economy](#)

The U.S. economy faces significant risks from unabated climate change. Every year of inaction serves to broaden and deepen those risks. Founded by co-chairs Michael R. Bloomberg, Henry M. Paulson, Jr., and Thomas F. Steyer, the Risky Business Project examines the economic risks presented by climate change and opportunities to reduce them.

Article: [Forest Adaptation Resources: Climate Change Tools and Approaches for Land Managers, 2nd Edition](#)

Forests across the United States are expected to undergo numerous changes in response to the changing climate. This second edition of the

Forest Adaptation Resources provides a collection of resources designed to help forest managers incorporate climate change considerations into management and devise adaptation tactics.

Book: [This Changes Everything](#)

Author Naomi Klein, tackles the most profound threat humanity has ever faced: the war our economic model is waging against life on earth. Klein exposes the myths that are clouding the climate debate. We have been told the market will save us, when in fact the addiction to profit and growth is digging us in deeper every day.

Climate Change Adaptation: [Traditional Knowledge of Indigenous Peoples Inhabiting the Arctic and Far North \(UNESCO\)](#)

This website has been developed by the UNESCO Institute for Information Technologies in Education within the project, “A Networked System of Open Indigenous Knowledge Resources for Climate Change Mitigation and Adaptation in Polar Regions” funded by the UNESCO Intersectoral Platform “UNESCO’s contribution to climate change mitigation and adaptation”. It contains multimedia modules with an interdisciplinary complex of indigenous knowledge related to mitigation and adaptation to environmental changes in the regions that have similar climate and face similar environmental problems in the Far North of Russia.

Video: [Climate Change and Your Health](#) (Western North Carolina Public Radio)

WCQS’s Helen Chickering talks with a physician who is spending the second half of his career as a climate change health advocate and a local research scientist who studies the impact of climate change on public health and co-authored the first comprehensive scientific report assessing the health effects of climate change in the U.S. 2min 10sec.

Video: [Red Power Energy](#)

Tribal lands are the microcosm of today’s controversial energy debate. Between the fears that fossil fuels cause climate change and the hope that renewable energy can save the planet, lies the complex reality of American Indian reservations grappling with the balance of culture v. progress, poverty v. new-found wealth, and the fate of the environment. Uniquely intimate, provocative and told from the Native perspective, with a nearly all-

Native film crew and all-Native Advisory Council, Red Power Energy is a multi-media documentary that combines engaging storytelling with in-depth journalism. Featured are Western and Great Plains American Indian tribes in North Dakota, South Dakota, Montana, Wyoming and Colorado.

Indoor Air Quality

On August 31st, 2016, the National Tribal Air Association endorsed and now supports the National Radon Action Plan. NTAA joins the American Lung Association, EPA and many others to work to reduce radon risk in 5 million homes and saving 3,200 lives annually by 2020. [Click here to learn more about the National Radon Action Plan](#) and be sure to use NTAA's template form to submit your own Tribe's endorsement of the National Radon Action Plan.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:

[Codetalk Homepage:](#)

FUNDING OPPORTUNITIES

Ambient Air Quality/EPA/NTAA

The Alaska Native Tribal Health Consortium (ANTHC) announces the FY2017 ANTHC Air Quality Sub-Award Request for Proposals (RFP). Please submit your completed Sub-Award applications to either AJ Salkoski (ajsalkoski@anthc.org) or Lacey Walsh (lmwalsh@anthc.org). Applications can also be submitted via fax at (907) 729-4044 c/o AJ Salkoski.

These grants are competitive and unfortunately not everyone who applies will be awarded. If you have any questions about grant ideas, eligibility, or need additional information, please do not hesitate to contact Lacey Walsh at (907) 729-5609 or AJ Salkoski at (907) 729-4518. For more information, visit the [ANTHC Tribal Air Quality Program](#).

U.S. EPA Air Grants and Funding:

EPA's Office of Air and Radiation (OAR) announces competitive funding announcements for projects and programs relating to [air quality](#), [transportation](#), [climate change](#), [indoor air](#) and other related topics. Organizations that can apply (eligible entities) are typically based on the funding announcements' [authorizing statute](#) and [catalog of federal domestic assistance \(CFDA\)](#). [This page](#) provides access to information about current funding opportunities under 'Open Announcements' and also provides as a reference tool, all previously announced funding announcements listed below and in archives under 'Closed Announcements'.

More than \$889 million in funding and technical assistance is available for state, local, and tribal governments from the Department of Transportation (DOT), Environmental Protection Agency (EPA), Department of Energy (DOE), Federal Transportation Authority (FTA), Federal Emergency Management Authority (FEMA), Center for Disease Control (CDC), Fish and Wildlife Service (FWS), and Bureau of Indian Affairs (BIA) that can be used to support climate and energy initiatives, including economic development, sustainable communities, green infrastructure, and water efficiency. For full eligibility and application details, please visit the links provided below. **In addition, please visit the [calendar of 2016 EPA grant opportunities](#) that may be of particular interest to Tribal communities.**

Climate Change/Energy

U.S. EPA's State and Local Climate and Energy Newsletter includes a calendar of 2016 EPA grant opportunities that may be of particular interest to Tribal communities.

DOE Makes Up to \$6 Million Available to Deploy Energy Efficiency and Clean Energy on Indian Lands

DOE expects to make approximately \$4 million to \$6 million of federal funding available for new awards under this funding opportunity announcement (FOA), subject to the availability of appropriated funds. The actual level of funding, if any, depends on congressional appropriations. DOE anticipates making approximately 6 to 10 awards under this FOA. On November 14, during the U.S. Department of Energy (DOE) Office of Indian Energy Program Review, Office Director Chris Deschene announced a new funding opportunity to install energy efficiency measures and deploy clean energy systems on Indian lands.

The application deadline is Feb. 7, 2017. [Learn more and apply.](#)

USDA Seeks Applications for Loans and Grants that Support Renewable Energy, Energy Efficiency, and Conservation Innovation

The U.S. Department of Agriculture (USDA) has announced two energy- and conservation-related funding opportunities for which tribes may be eligible to apply.

USDA is encouraging rural small businesses and agricultural producers to apply for loans and grants to support renewable energy and energy efficiency projects through its Rural Energy for America Program (REAP). Applications are currently being accepted for: 1) energy audit and renewable energy development assistance grants, and 2) renewable energy system and energy efficiency guaranteed loans and grants.

The application deadline for energy audit and renewable energy development assistance grants is Jan. 31, 2017. Applications for renewable energy system and energy efficiency grants, all combination grants, and guaranteed loans are due by March 31, 2017. More information, including a link to application materials and submission

procedures, can be found on the [USDA website](#).

New Energy Efficiency Competition to Assist Remote Alaskan Communities with Energy Challenges

The U.S. Department of Energy's (DOE's) Office of Indian Energy and Office of Energy Efficiency and Renewable Energy (EERE) issued a Notice of Technical Assistance (NOTA) to significantly accelerate efforts by remote Alaskan communities to adopt sustainable energy strategies. The Remote Alaskan Communities Energy Efficiency Competition will empower Alaskan communities and Alaska Native villages to develop effective tools to advance the use of reliable, affordable, and energy efficient solutions that are replicable throughout Alaska and other Arctic regions. [Learn more about the competition and how to apply.](#)

USDA: The FY 2016 Agriculture and Food Research Initiative (AFRI) Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area Request for Application (RFA) is now available for public viewing. Please review the links below and verify the information is accurate. Please let me know if you have questions or concerns.

NIFA Funding Opportunity Page: <https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-agriculture-and-natural-resources>.

[Grants.gov Page: http://www.grants.gov/web/grants/view-opportunity.html?oppld=285990](http://www.grants.gov/web/grants/view-opportunity.html?oppld=285990). This page includes a synopsis of the funding opportunity, a link to the full announcement (RFA) and the application package.

FY 17 Farm to School Grant Program (USDA)

The Healthy, Hunger-Free Kids Act of 2010 (HHFKA) amended Section 18 of the Richard B. Russell National School Lunch Act (NSLA) to establish a Farm to School Program in order to assist eligible entities, through grants and technical assistance, in implementing farm to school programs that improve access to local foods in eligible schools. To fulfill the Farm to School mandate in the HHFKA, \$5 million is provided to the USDA on an annual basis to support grants, technical assistance, and the Federal

administrative costs related to USDA's Farm to School Program. Eligibility includes Indian tribal organizations and schools. Funding opportunity #USDA-FNS-F2S-2017. Deadline: 12/08/16.

2017 Saltonstall-Kennedy Competitive Research Program (Dept. of Commerce)

The objective of the S-K Grant Program is to address the needs of the fisheries and fishing communities in optimizing economic benefits by building and maintaining sustainable fisheries and practices, dealing with the impacts of conservation and management measures, and increasing other opportunities to use existing infrastructure to support keeping working waterfronts viable. Proposals submitted to this competition must address at least one of the following priorities: Marine Aquaculture; Fisheries Data Collection; Techniques for Reducing Bycatch and other Adverse Impacts; Adapting to Climate Change and Other Long Term Ecosystem Change; Promotion, Development and Marketing; Socio-Economic Research; and Territorial Science. Eligibility includes Indian tribes. Funding opportunity # NOAA-NMFS-FHQ-2017-2004980. Deadline: 12/09/16.

FY17 Guidelines for Brownfields Cleanup Grants (EPA)

EPA's Brownfields Program provides funds to empower states, communities, tribes, and nonprofits to prevent, inventory, assess, clean up, and reuse brownfield sites. Under these guidelines, EPA is seeking proposals for Cleanup Grants only. Eligibility includes Indian tribe other than in Alaska (per CERCLA104 (k) (1). Deadline: 12/20/16.

WaterSMART: Development of Feasibility Studies under the Title XVI Water Reclamation and Reuse Program (FY) 2017 (BOR)

The objective of this FOA is to invite applicants to cost share the development of new water reuse feasibility studies. Water reclamation and reuse projects provide growing communities with new sources of clean water while promoting water and energy efficiency and environmental stewardship. Eligibility includes Indian tribes or tribal organizations. Funding opportunity #BOR-DO-17-F003. Deadline: 01/05/16.

FY17 Coral Reef Conservation Program, Domestic Coral Reef Conservation Grants (NOS, NOAA, Department of Commerce)

This funding opportunity is soliciting applications intended to support coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths, in American Samoa, the Commonwealth of the

Northern Mariana Islands, Florida, Guam, Hawaii, Puerto Rico, the U.S. Virgin Islands, and coral-dominated banks in the U.S. portions of the Gulf of Mexico. Eligibility includes federally recognized Indian tribal governments. Funding opportunity # NOAA-NOS-OCM-2017-2005011. Deadline: 01/11/17.

FY 2017 National Climate Change & Wildlife Center Program (Geological Survey)

This program was created to ensure that the National Climate Change and Wildlife Science Center is responsive to the research and management needs of Federal and State agencies to provide science and technical support regarding the impacts of climate change in fish, wildlife, plants and ecological processes. National coordination of research and modeling at regional centers will ensure uniformity of downscaling and forecasting models and standardized information to support management of fish and wildlife resources and regional partnership collaborations. The CSC's will provide access to the expertise at cooperating universities and supports the mission of the program. Eligibility: Unrestricted. Funding opportunity # G16AS00129. Deadline: 01/12/17.

NOAA Climate Program Office FY2017 - Understanding Climate Impacts on Fish Stocks and Fisheries to Inform Sustainable Management (Dept. of Commerce)

The goal is to inform sustainable fisheries management and promote resilience of the nation's fish stocks and fisheries in a changing climate. For FY17, this OAR/NMFS partnership, through the Coastal and Ocean Climate Applications (COCA) Program, will continue to take a regional approach to improving the resilience and adaptation of fisheries in a changing climate by soliciting proposals under two competitions. Eligibility includes Indian tribal governments. Funding opportunity # OAA-OAR-CPO-2017-2004998. Deadline: 01/30/17.

Indoor Air Quality

U.S. HUD - HUD recipients can request technical assistance on basically any subject, as long as is it related to NAHASDA. The requests come in to the ONAP Area Office, which typically considers

whether the tribe has any other TA needs, and then assembles a TA request package for HQ to consider. From what I have been able to gather, training on indoor air issues has never been requested - but it could be. ONAP has contracts with certain TA providers for these TA requests. Those TA providers may subcontract as needed. The link below names the TA providers and discusses the process. A link to the ONAP CodeTalk website is provided below in case you are interested in getting a better feel for ONAP's Area Office structure. TA process:

<http://portal.hud.gov/hudportal/documents/huddoc?id=onaptaannouce.pdf>

CodeTalk:

http://portal.hud.gov/hudportal/HUD?src=/program_offices/public_indian_housing/ih

Most Recent Listing: EPA Rules from the Federal Register

Contents of the Federal Register for Wednesday, December 7th, 2016

(Past copies can be accessed [here](#)).

Rule

Air Quality State Implementation Plans; Approvals and Promulgations:

Texas; Reasonable Further Progress Plan and Motor Vehicle Emissions Budgets for the Dallas/Fort Worth 2008 Ozone Nonattainment Area

FR Document: [2016-29274](#) Citation: 81 FR 88124 [PDF](#) Pages 88124-88125 (2 pages) [Permalink](#)

Effluent Limitations Guidelines and Standards for the Oil and Gas

Extraction Point Source Category—Implementation Date Extension

FR Document: [2016-29338](#) Citation: 81 FR 88126 [PDF](#) Pages 88126-88127 (2 pages) [Permalink](#)

Notice

Meetings:

Hazardous Waste Electronic Manifest System Advisory Board

FR Document: [2016-29340](#) Citation: 81 FR 88236 [PDF](#) Pages 88236-88237 (2 pages) [Permalink](#)

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Andy Bessler

Project Director



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www.ntaatribalair.org

From: Andy Bessler
Location: and use code
Importance: Normal
Subject: NTAA EC Standing Call: reminders and time confirmation, Call at 2 pm ET
Start Date/Time: Mon 3/13/2017 6:00:00 PM
End Date/Time: Mon 3/13/2017 8:00:00 PM
[NTAA EC Meeting Summary Feb 14 2017.docx](#)
[NTAA EC Meeting Minutes Feb14 2017.docx](#)
[DraftCourseListFY18.doc](#)
[NTAA Action Item Matrix 2017 updated 3.12.17.xlsx](#)
[NTAA Action Item Matrix 2017 updated 3.12.17.xlsx](#)

::

A reminder that daylight savings time starts on the 12th, so my calendar reminder will hopefully match the same time for our call:

10 am AK
11 am PT
12 pm MT
1 pm CT
2 pm ET

FYI: There are some follow-up items to discuss after our In-person meeting last week. This call should only take an hour and I have deleted general updates since they were provided last week. If Pat Childers has any important EPA updates, he can let us know.

Andy

NTAA EC Call Agenda

March 13th, 2017
10 am AK / 2 pm ET

Call into **with code**

To view documents discussed on the call, please click here:
<https://global.gotomeeting.com/join/117860029>

1. INTRODUCTIONS: Wilfred J. Nabahe, NTAA Executive Committee (EC) Chairman

- A. Invocation
- B. Roll Call of NTAA EC Members, NTAA, EPA Staff and others
- C. Approval of Meeting Minutes and Summary from Feb. 14th Meeting

D. Request from AIQTP on FY 18 Trainings

2. NTAA PROJECT TASKS AND UPDATES: Wilfred J. Nabahe, NTAA Executive Committee (EC) Chairman

A. Follow up Items from In-Person Meeting (Action Item Matrix)

C. B. Discussion of NTAA proposed Policy Response Kit issues including:

- 1. Tribal Funding PRK

2. Match letter to OAR
 3. Discussion of existing and upcoming EPA announcements / rules to prioritize for future PRK's
- C. NTAA Website Update
- E. D. Review of NTAA Action Item Matrix
- F. E. Regional Updates
- F. F. Open Forum
- Next NTAA EC meeting will be on April 10th at 2pm ET.

To: Angela Benedict (angela.benedict@srmt-nsn.gov)[angela.benedict@srmt-nsn.gov]; Bill.Thompson@Penobscotnation.org[Bill.Thompson@Penobscotnation.org]; Billie Toledo[billietoledo@pbpnation.org]; air@lldrm.org[air@lldrm.org]; Brian Holter Jr. [brownfields@klawocktribe.org]; Carol Kriebs[carol.kriebs@sacfoxenviro.org]; Carolyn Kelly[ckelly@quinault.org]; CKreman@quapawtribe.com[CKreman@quapawtribe.com]; joywiecks@fdlrez.com[joywiecks@fdlrez.com]; greenleaf@kootenai.org[greenleaf@kootenai.org]; lweeks@nemont.net[lweeks@nemont.net];

Ex. 6

randya@cstk.org[randya@cstk.org]; Scott Hansen[Scott.hansen@catawbaindian.net]; sflensburg@bbna.com (sflensburg@bbna.com)[sflensburg@bbna.com]; Tiffany Janes[tjanes@pci-nsn.gov]; wilfred.nabahe@crit-nsn.gov[wilfred.nabahe@crit-nsn.gov]

Cc: Childers, Pat[Childers.Pat@epa.gov]; Mehrdad.Khatibi@NAU.EDU[Mehrdad.Khatibi@NAU.EDU]; ann-marie.chischilly@nau.edu[ann-marie.chischilly@nau.edu]; Elaine Hale Wilson[Elaine.Wilson@nau.edu]; Dara Renee Marks-Marino[Dara.Marks-Marino@nau.edu]; Mckelvey, Laura[Mckelvey.Laura@epa.gov]; Colon, Toni[Colon.Toni@epa.gov]; Wilson, Erika[Wilson.Erika@epa.gov]; ITEP-T@LISTS.NAU.EDU[ITEP-T@LISTS.NAU.EDU]; Farsi, Farshid[Farsi.Farshid@epa.gov]; Jackson, Elizabeth[Jackson.Elizabeth@epa.gov]; Griffin, Chris[Griffin.Chris@epa.gov]

From: Andy Bessler

Sent: Mon 12/5/2016 11:54:29 PM

Subject: Draft NTAA Weekly Update for your review and approval

[removed.txt](#)

[12.7.16NTAAWeeklyUpdate.docx](#)

Hello Everyone:

Please find the attached draft NTAA Weekly Update for your review and approval.

Feel free to send me any and all edits by 8am MT on Wednesday, Dec. 7th and I will publish it shortly thereafter.

Please note that I am always looking for great air quality-related photos to highlight so feel free to send me a photo to include!

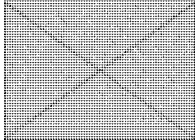
Also, thanks to Bill Thompson for a great transitional message related to our new EC Chairman...

Thanks!

Andy

Andy Bessler

Project Director



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National Tribal Air Association

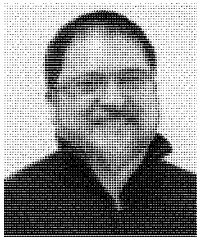
NTAA Weekly Update

***Week of December 5th –
December 9th, 2016***

[If you have difficulty reading this email, click here to view it online.](#)

TOP STORIES

Outgoing Message of the NTAA former Chairman William Q. Thompson, Penobscot Nation Vice Chief:



During this time of holiday celebration and with the upcoming New Years' time of renewal, it is appropriate to announce the arrival of the new NTAA Chairman: Wilfred J. Nabahe, Director of the Colorado River Indian Tribes' Environmental Protection Office. Wilfred has been and will continue to be the representative of Tribes located within the boundaries of EPA's Region 9. The NTAA Executive Committee considers him to be a staunch advocate for the rights of Tribes and a loyal ally in our work to protect the air that we all breathe. He will bring dignity and intelligence to the NTAA Chairmanship.

It has been a very interesting six years, six months and six days since I was put in as the Chair (it was supposed to last only two years). During this time, I've become friends with many intelligent and capable people with an interest in breathing clean air, and the NTAA has become a family to me. Once one is bitten by the NTAA bug, it never leaves you.

That is what makes NTAA unique: Our sense of unity and purpose. Thank you to each of you for the opportunity to have a seat at this table and to work side by side with you.



NTAA's new Executive Committee Chairman Wilfred J. Nabahe

HEADLINES

Ambient Air Quality/EPA/NTAA/Tribes

New York Times - [Protesters Gain Victory in Fight Over Dakota Access Oil Pipeline](#)

NPR - [Standing Rock Leader Asks Those Who Are Not Sioux To Leave Pipeline Protest Area](#)

The Journal – [Four Corners' ozone levels meet tougher standards](#)

The Hill - [Five potential Trump EPA picks](#)

The Hill - [EPA chief: Pipeline rejections are not a 'policy signal'](#)

The Hill - [EPA seeks to ensure mining companies can pay cleanup costs](#)

WA Today - [Street lamps light the way for air pollution monitoring and smoke detection](#)

National Association of Clean Air Agencies - [Washington Update](#)

Climate Change/Energy

Washington Post - [Al Gore just had 'an extremely interesting conversation' with Trump on climate change](#)

The Hill - [Feds fine North Dakota driller \\$2.1M](#)

Indian Country Today - [KILI Radio Generates Electricity With Wind Turbine](#)

Reuters - Trump advisors aim to privatize oil-rich Indian reservations

Climate Central - Warming U.S. Could See Extreme Rains Increase Fivefold

Climate Central - Climate Change Will Stir 'Unimaginable' Refugee Crisis

Toxics/Mobile Sources

Bloomberg News - VW's German Execs Gird to Face Questions From U.S. Authorities

Photo from the field

UPCOMING CALLS/EVENTS

Ambient Air Quality/EPA/NTAA

Greetings from the Tribal Air Monitoring Support (TAMS) Center Steering Committee. As a Steering Committee comprised of Tribal environmental representatives from different regions of the country, we are announcing the TAMS Center Technical Needs Assessment to aid the TAMS Center to better understand the air quality technical support needs and priorities of Tribes. The link to the online questionnaire form is at <http://www7.nau.edu/itep/main/tamsNA/>.

The Technical Needs Assessment will be open until March 10, 2017. The Steering Committee plans on providing the results of the Technical Needs Assessment at the 2017 National Tribal Forum.

U.S. EPA Webinar: Proposed rule: Implementation of the 2015 National Ambient Air Quality Standards (NAAQS) for Ozone: Nonattainment Area Classifications and State Implementation Plan Requirements on Wednesday, December 7, 2016 at 2:00 – 3:30 PM Eastern Time; Link to Join Webinar: <https://epawebconferencing.acms.com/nonattainment-sip>

Description: On November 2, 2016, EPA proposed requirements that would apply to state, local, and tribal air agencies for implementing the 2015 NAAQS for ground-level ozone. The EPA revised both the health-based and welfare-based standards for ozone on October 1, 2015. This proposed action largely retains and updates the implementing regulations that apply for the 2008 ozone NAAQS, for purposes of the 2015 ozone standards, which creates stability in the planning

process. This action also proposes two options for revoking the 2008 ozone NAAQS. The EPA is also seeking comment on a number of additional topics, including: (1) managing emissions from wildfires and wildland prescribed fires; (2) transportation conformity and general conformity; (3) contingency measures; (4) international transport and background ozone; and (5) additional policies for achieving emissions reductions. This webinar is intended to provide highlights of the proposed rule and address clarifying questions. To download a copy of the proposed rule or for more information go to <https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state>.

U.S. EPA Announced an Extension of Public Comment Period for the Draft General Permit under the Clean Air Act Federal Indian Country Minor New Source Review Program – Gasoline Dispensing Facilities

Extension of Comment Period: On September 30, 2016, the United States Environmental Protection Agency (EPA) provided notice of, and requested public comment on, the EPA's draft general permit for gasoline dispensing facilities for use in Indian country within California pursuant to the Clean Air Act (CAA) Federal Indian Country Minor New Source Review (NSR) program for new and modified minor sources at 40 CFR 49.151 through 49.161.

The EPA is extending the deadline for submitting comments on this action until January 31, 2017. Any person may submit written comments on the draft permit during the public comment period. These comments must raise any reasonably ascertainable issue with supporting arguments by the close of the public comment period. All written comments on the draft general permit must be received or postmarked by January 31, 2017. Comments must be sent or delivered in writing to Lisa Beckham at one of the following addresses: E-mail: R9airpermits@epa.gov. Online Docket: www.regulations.gov, Docket ID: EPA-R09-OAR-2016-0580. Send U.S. Mail to Lisa Beckham (AIR-3) U.S. EPA Region 9, 75 Hawthorne Street, San Francisco, CA 94105-3901

HOST SITES NEEDED FOR SUMMER INTERNSHIP PROGRAM - The Institute for Tribal Environmental Professionals – Environmental Education Outreach Program at Northern Arizona University in Flagstaff, Arizona is seeking air quality focused offices and programs to host a college student for an 8-week summer internship. Tribal environmental offices, EPA offices, and other tribal environmental organizations are encouraged to apply. The interns will be highly motivated undergraduate or graduate students majoring in environmental or related careers from different colleges and universities nationwide. ITEP provides each student intern with a \$4,000 stipend, and limited housing and travel

allowances. The host site provides a work place and supervision for the intern. The projects MUST focus on addressing air quality issues in tribal communities. Submit an application [online here](#). **Deadline: Apply by January 20, 2017.** For detailed information on the internship and requirements, visit our [internship web-site](#). For more information, contact ITEP Intern Coordinator at EEOP-INTERN@nau.edu.

Join us for a webinar on the new Tribal Data Roadmap! Recently released by the US EPA's Office of Water, and also the first, tribal specific, E-Enterprise for the Environment project, the Tribal Data Roadmap was developed to help tribes navigate the steps needed to manage and submit water quality data via the Water Quality eXchange. (WQX). The webinar will describe how the Roadmap was originally conceived, developed and refined through collaboration with tribes, and will walk users through an example scenario using the Roadmap. Time will also be provided for Q & A at the end of the presentation.

Webinar Date: Thursday December 8, 2016 at 12 pm EST. To participate, [register here first](#) (call-in information will be provided after registering).

U.S. EPA's Science to Achieve Results (STAR) Webinar Series: Black Carbon Friday, Dec. 9, 12 – 1:30 p.m. EST

[Click here to register for the webinar \(Registration is FREE!\):](#)

Black carbon is the sooty material emitted from combustion processes, and it can affect human health and the climate. Its role in the atmosphere is broad and complex. In 2010, the U.S. Environmental Protection Agency's (EPA) STAR program awarded ten grants to universities and organizations to address [Black Carbon's Role in Global to Local Scale Climate and Air Quality](#). Grantees focused on various black carbon research issues, such as better accounting for emissions and uncertainty, tracking how black carbon "ages" or reacts in the atmosphere, and better representing its ability to impact cloud droplet formation. Highlights from the research findings will be summarized in this four-part webinar series.

For more information, contact [Sherri Hunt](mailto:hunt.sherri@epa.gov) (hunt.sherri@epa.gov); 202-564-4486

The Institute for Tribal Environmental Professionals' (ITEP's) [Tribes and Climate Change Calendar](#) includes conferences, trainings, webinars and other events related to tribes and climate change. [Click here](#) for ITEP's other trainings and events. [Click here](#) for ITEP's new Tribal Environmental Management and Planning Online Courses. New courses have been added, so check it out!

[ITEP's 2016 AIAQTP Course Schedule](#)

ITEP's American Indian Air Quality Training Program Course Calendar:

Course Title	Dates	Location
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2017		
Air Quality Computations	January 24-27	Phoenix, AZ
Indoor Air Quality (IAQ) Diagnostic Tools (for lower 48)	February 7-10	TAMS Center, Las Vegas, NV
Air Quality and IAQ in Alaska	March 7-10	Koyukuk, AK
Air Pollution Technology	March 13-17	Flagstaff, AZ
Fundamentals of Air Monitoring (for lower 48)	April 4-6	TAMS Center, Las Vegas, NV
Management of Tribal Air Programs and Grants	TBD	TBD
Introduction to Tribal Air Quality	June 6-9	Flagstaff, AZ
Quality Assurance (QA) Fundamentals	Open	Online
Building Performance: Improving Energy Efficiency & IAQ in Alaska	Open	Online
Radon Fundamentals	Open	Online
Emissions Inventory - Fundamentals	2017	Online
Emissions Inventory - Advanced	2017	Online
Disaster Planning for Air Quality	2017	Online

Note: This schedule is subject to change. [Click here](#) for up-to-date information, course descriptions, and applications. If you have questions regarding the pre-requisites or your eligibility for this course, please contact Patricia Ellsworth, Air Quality Curriculum Coordinator, at Patricia.Ellsworth@nau.edu or phone 928-523-6721. For more information, please visit [ITEP's website](#).

U.S. EPA/NTAA Air Policy Update Call – Thursday, January 26th, 2016 at 2:00 pm ET. To participate, please send your request to andy.bessler@nau.edu.

Toxics/Mobile Sources

New EPA Guidance for Testing Pesticides Will Reduce Animal Testing

EPA is issuing guidance for requesting waivers of acute dermal toxicity testing requirements for pesticide formulations, which will lead to fewer animal tests for acute dermal toxicity for pesticides. Last March, EPA released a “Draft Retrospective Analysis for Waiving Acute Dermal Toxicity Tests for Pesticide Formulations,” which included guidance for pesticide manufacturers to request waivers of acute dermal toxicity studies for formulations.

EPA is now finalizing its [Guidance for Waiving Acute Dermal Toxicity](#)

Tests for Pesticide Formulations. This guidance is in line with the Office of Pesticide Programs' Strategic Vision for implementing the 2007 National Research Council's report on Toxicity Testing in the 21st Century. EPA's Pesticide Program receives about 200-300 dermal formulation toxicity tests annually, each of which generally use 10 animals per test. We expect this waiver guidance to save 2,500 or more laboratory animals every year.

This new policy represents significant progress toward EPA's goal of significantly reducing the use of animals in acute effects testing as described in the Office of Pesticide Program's Director Jack Housenger's letter to stakeholders. This policy also supports EPA's vision of only requiring data that inform regulatory decision-making and avoiding unnecessary use of time and resources, data generation costs, and animal testing.

The NTAA VW Settlement Work Group call will be holding a monthly update call on Thursday, December 8th at 3 pm ET to provide updates on the VW Settlement to settle Clean Air Act violations. To join the work group and the call, please contact NTAA Project Director, Andy Bessler at andy.bessler@nau.edu.

Indoor Air Quality

NTAA's Indoor Air Quality Work Group will hold its next call on Thursday, January 12th at 2 pm ET. To join the work group or the call, please contact NTAA Project Director Andy Bessler at andy.bessler@nau.edu.

NTAA has re-opened the Indoor Air Quality (IAQ) Needs Assessment for Indian Country! The NTAA IAQ Work Group has re-opened the IAQ Needs Assessment in hopes that more Tribes will complete the on-line form found here! In re-opening the IAQ needs assessment, NTAA hopes Tribes who have not previously completed this online form will do so now thus helping Tribal and Federal governmental leaders understand the extent of IAQ needs in Tribal communities. The IAQ Needs Assessment will remain open until **January 30th, 2017**. Please allow at least an hour to complete the IAQ Needs Assessment. For more information on the NTAA IAQ work group that created this needs assessment, please visit NTAA's website here.

Please allocate at least 60 minutes to answer all the questions. When you are finished, simply click on the "submit" button at the end of the survey to ensure your answers are properly counted.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:

Codetalk Homepage:

- National Tribal Air Association (NTAA) has re-opened the NTAA National Indoor Air Quality (IAQ) Needs Assessment for Indian Country Reminder

RESOURCES

Now Hiring!

Ambient Air Quality/EPA/NTAA

The EROS (Ecological Responses and Outreach Subcommittee) of the National Atmospheric Deposition Program has just published a brand new educational booklet on Nitrogen Deposition: where it comes from, what it does to ecosystems, how it is measured, and information about the NADP. It is intended for general audiences, probably starting at about 8th grade. [Click here for a copy.](#)

EPA's Public Engagement Highlights is a weekly e-newsletter produced by EPA's Office of Public Engagement which summarizes some of the latest important Agency actions. It's where you can learn about various ways you can engage with EPA and find the Agency's latest blog posts, videos, and additional resources.

Signing up for the e-newsletter is easy! Just visit the [EPA Public Engagement Highlights](#) website where the most recent editions are available and enter your email in the e-newsletter sign up box located on the upper right. The resulting New Subscriber page will list all available EPA Topics, with "Public Engagement Highlights Newsletter" checked towards the bottom of the page. When setting up your profile, you can select additional subscription topics offered by EPA. You can always unsubscribe at any time.

Climate Change/Energy

ITEP's Tribal Climate Change Newsletter: This monthly newsletter provides news items, resources, announcements about funding opportunities, conferences, and training, and other information relevant to tribal climate change issues.

Article: [Forest Adaptation Resources: Climate Change Tools and Approaches for Land Managers, 2nd Edition](#)

Forests across the United States are expected to undergo numerous changes in response to the changing climate. This second edition of the Forest Adaptation Resources provides a collection of resources designed to help forest managers incorporate climate change considerations into management and devise adaptation tactics.

Book: This Changes Everything

Author Naomi Klein, tackles the most profound threat humanity has ever faced: the war our economic model is waging against life on earth. Klein exposes the myths that are clouding the climate debate. We have been told the market will save us, when in fact the addiction to profit and growth is digging us in deeper every day.

Climate Change Adaptation: Traditional Knowledge of Indigenous Peoples Inhabiting the Arctic and Far North (UNESCO)

This website has been developed by the UNESCO Institute for Information Technologies in Education within a project “A Networked System of Open Indigenous Knowledge Resources for Climate Change Mitigation and Adaptation in Polar Regions” funded by the UNESCO Intersectoral Platform “UNESCO’s contribution to climate change mitigation and adaptation”. It contains multimedia modules with interdisciplinary complex of indigenous knowledge related to mitigation and adaptation to environmental changes in the regions that have similar climate and face similar environmental problems in the Far North of Russia.

Video: Climate Change and Your Health (Western North Carolina Public Radio)

WCQS’s Helen Chickering talks with a physician who is spending the second half of his career as a climate change health advocate and a local research scientist who studies the impact of climate change on public health and co-authored the first comprehensive scientific report assessing the health effects of climate change in the U.S. 2min 10sec.

Video: Red Power Energy

Tribal lands are the microcosm of today’s controversial energy debate. Between the fears that fossil fuels cause climate change and the hope that renewable energy can save the planet, lies the complex reality of American Indian reservations grappling with the balance of culture verse progress, poverty verse new-found wealth, and the fate of the environment. Uniquely intimate, provocative and told from the Native perspective, with a nearly all-Native film crew and all-Native Advisory Council, Red Power Energy is a multi-media documentary that combines engaging storytelling with in-depth journalism. Featured are Western and Great Plains American Indian tribes in North Dakota, South Dakota, Montana,

Wyoming and Colorado.

Indoor Air Quality

On August 31st, 2016, the National Tribal Air Association endorsed and now supports the National Radon Action Plan. NTAA joins the American Lung Association, EPA and many others to work to reduce radon risk in 5 million homes and saving 3,200 lives annually by 2020. [Click here to learn more about the National Radon Action Plan](#) and be sure to use NTAA's template form to submit your own Tribe's endorsement of the National Radon Action Plan.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:
[Codetalk Homepage:](#)

FUNDING OPPORTUNITIES

Ambient Air Quality/EPA/NTAA

The Alaska Native Tribal Health Consortium (ANTHC) announces the FY2017 ANTHC Air Quality Sub-Award Request for Proposals (RFP). Please submit your completed Sub-Award applications to either AJ Salkoski (ajsalkoski@anthc.org) or Lacey Walsh (lmwalsh@anthc.org). Applications can also be submitted via fax at (907) 729-4044 c/o AJ Salkoski.

These grants are competitive and unfortunately not everyone who applies will be awarded. If you have any questions about grant ideas, eligibility, or need additional information, please do not hesitate to contact Lacey Walsh at (907) 729-5609 or AJ Salkoski at (907) 729-4518. For more information, visit the [ANTHC Tribal Air Quality Program](#).

U.S. EPA Air Grants and Funding:

EPA's Office of Air and Radiation (OAR) announces competitive funding announcements for projects and programs relating to [air quality](#), [transportation](#), [climate change](#), [indoor air](#) and other related topics. Organizations that can apply (eligible entities) are typically based on the funding announcements' [authorizing statute](#) and [catalog of federal domestic assistance \(CFDA\)](#). **[This page](#)** provides access to information about current funding opportunities under 'Open Announcements' and also provides as a reference tool, all previously announced funding announcements listed below and in archives under 'Closed Announcements'.

More than \$889 million in funding and technical assistance is available for state, local, and tribal governments from the Department of Transportation (DOT), Environmental Protection Agency (EPA), Department of Energy (DOE), Federal Transportation Authority (FTA), Federal Emergency Management Authority (FEMA), Center for Disease Control (CDC), Fish and Wildlife Service (FWS), and Bureau of Indian Affairs (BIA) that can be used to support climate and energy initiatives, including economic development, sustainable communities, green infrastructure, and water efficiency. For full eligibility and application details, please visit the links provided below. **In addition, please visit the calendar of 2016 EPA grant opportunities that may be of particular interest to Tribal communities.**

Climate Change/Energy

U.S. EPA's State and Local Climate and Energy Newsletter includes a calendar of 2016 EPA grant opportunities that may be of particular interest to Tribal communities.

DOE Makes Up to \$6 Million Available to Deploy Energy Efficiency and Clean Energy on Indian Lands

DOE expects to make approximately \$4 million to \$6 million of federal funding available for new awards under this funding opportunity announcement (FOA), subject to the availability of appropriated funds. The actual level of funding, if any, depends on congressional appropriations. DOE anticipates making approximately 6 to 10 awards under this FOA. On November 14, during the U.S. Department of Energy (DOE) Office of Indian Energy Program Review, Office Director Chris Deschene announced a new funding opportunity to install energy efficiency measures and deploy clean energy systems on Indian lands. The application deadline is Feb. 7, 2017. [Learn more and apply.](#)

The DOE's Solar in Your Community Challenge offers \$5 million in cash prizes and technical assistance to improve solar electricity access to underserve communities across the country!

To spread the word to our communities and stakeholders, the DOE is hosting a webinar specifically for these communities in mind! The webinar will explain how the competition works and how communities with environmental justice concerns can participate. Informational Webinar on Thursday December 1st at 2PM EST. Register for the [webinar here](#): Learn more about the [Solar in Your Community Challenge here](#).

Please share this information with communities, state, local and tribal

governments, and nonprofit organizations that may be interested in participating in this incredible opportunity.

USDA Seeks Applications for Loans and Grants that Support Renewable Energy, Energy Efficiency, and Conservation Innovation

The U.S. Department of Agriculture (USDA) has announced two energy- and conservation-related funding opportunities for which tribes may be eligible to apply.

USDA is encouraging rural small businesses and agricultural producers to apply for loans and grants to support renewable energy and energy efficiency projects through its Rural Energy for America Program (REAP). Applications are currently being accepted for: 1) energy audit and renewable energy development assistance grants, and 2) renewable energy system and energy efficiency guaranteed loans and grants.

The application deadline for energy audit and renewable energy development assistance grants is Jan. 31, 2017. Applications for renewable energy system and energy efficiency grants, all combination grants, and guaranteed loans are due by March 31, 2017. More information, including a link to application materials and submission procedures, can be found on the [USDA website](#).

New Energy Efficiency Competition to Assist Remote Alaskan Communities with Energy Challenges

The U.S. Department of Energy's (DOE's) Office of Indian Energy and Office of Energy Efficiency and Renewable Energy (EERE) issued a Notice of Technical Assistance (NOTA) to significantly accelerate efforts by remote Alaskan communities to adopt sustainable energy strategies. The Remote Alaskan Communities Energy Efficiency Competition will empower Alaskan communities and Alaska Native villages to develop effective tools to advance the use of reliable, affordable, and energy efficient solutions that are replicable throughout Alaska and other Arctic regions. [Learn more about the competition and how to apply.](#)

USDA: The FY 2016 Agriculture and Food Research Initiative (AFRI) Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area Request for Application (RFA) is now available for public viewing. Please review the links below and verify the information is accurate. Please let me know if you have questions or concerns.

NIFA Funding Opportunity Page: <https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-agriculture-and-natural-resources>.

[Grants.gov Page: http://www.grants.gov/web/grants/view-](http://www.grants.gov/web/grants/view-)

[opportunity.html?oppId=285990](#). This page includes a synopsis of the funding opportunity, a link to the full announcement (RFA) and the application package.

FY 17 Farm to School Grant Program (USDA)

The Healthy, Hunger-Free Kids Act of 2010 (HHFKA) amended Section 18 of the Richard B. Russell National School Lunch Act (NSLA) to establish a Farm to School Program in order to assist eligible entities, through grants and technical assistance, in implementing farm to school programs that improve access to local foods in eligible schools. To fulfill the farm to school mandate in the HHFKA, \$5 million is provided to the USDA on an annual basis to support grants, technical assistance, and the Federal administrative costs related to USDA's Farm to School Program. Eligibility includes Indian tribal organizations and schools. Funding opportunity #USDA-FNS-F2S-2017. Deadline: 12/08/16.

2017 Saltonstall-Kennedy Competitive Research Program (Dept. of Commerce)

The objective of the S-K Grant Program is to address the needs of the fisheries and fishing communities in optimizing economic benefits by building and maintaining sustainable fisheries and practices, dealing with the impacts of conservation and management measures, and increasing other opportunities to use existing infrastructure to support keeping working waterfronts viable. Proposals submitted to this competition must address at least one of the following priorities: Marine Aquaculture; Fisheries Data Collection; Techniques for Reducing Bycatch and other Adverse Impacts; Adapting to Climate Change and Other Long Term Ecosystem Change; Promotion, Development and Marketing; Socio-Economic Research; and Territorial Science. Eligibility includes Indian tribes. Funding opportunity # NOAA-NMFS-FHQ-2017-2004980. Deadline: 12/09/16.

FY17 Guidelines for Brownfields Cleanup Grants (EPA)

EPA's Brownfields Program provides funds to empower states, communities, tribes, and nonprofits to prevent, inventory, assess, clean up, and reuse brownfield sites. Under these guidelines, EPA is seeking proposals for Cleanup Grants only. Eligibility includes Indian tribe other than in Alaska (per CERCLA104 (k) (1)). Deadline: 12/20/16.

WaterSMART: Development of Feasibility Studies under the Title XVI Water Reclamation and Reuse Program (FY) 2017 (BOR)

The objective of this FOA is to invite applicants to cost share the development of new water reuse feasibility studies. Water reclamation and reuse projects provide growing communities with new sources of clean water while promoting water and energy efficiency and environmental stewardship. Eligibility includes Indian tribes

or tribal organizations. Funding opportunity #BOR-DO-17-F003. Deadline: 01/05/16.

FY17 Coral Reef Conservation Program, Domestic Coral Reef Conservation Grants (NOS, NOAA, Department of Commerce)

This funding opportunity is soliciting applications intended to support coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths, in American Samoa, the Commonwealth of the Northern Mariana Islands, Florida, Guam, Hawaii, Puerto Rico, the U.S. Virgin Islands, and coral-dominated banks in the U.S. portions of the Gulf of Mexico. Eligibility includes federally recognized Indian tribal governments. Funding opportunity # NOAA-NOS-OCM-2017-2005011. Deadline: 01/11/17.

FY 2017 National Climate Change & Wildlife Center Program (Geological Survey)

This program was created to ensure that the National Climate Change and Wildlife Science Center is responsive to the research and management needs of Federal and State agencies to provide science and technical support regarding the impacts of climate change in fish, wildlife, plants and ecological processes. National coordination of research and modeling at regional centers will ensure uniformity of downscaling and forecasting models and standardized information to support management of fish and wildlife resources and regional partnership collaborations. The CSC's will provide access to the expertise at cooperating universities and supports the mission of the program. Eligibility: Unrestricted. Funding opportunity # G16AS00129. Deadline: 01/12/17.

NOAA Climate Program Office FY2017 - Understanding Climate Impacts on Fish Stocks and Fisheries to Inform Sustainable Management (Dept. of Commerce)

The goal is to inform sustainable fisheries management and promote resilience of the nation's fish stocks and fisheries in a changing climate. For FY17, this OAR/NMFS partnership, through the Coastal and Ocean Climate Applications (COCA) Program, will continue to take a regional approach to improving the resilience and adaptation of fisheries in a changing climate by soliciting proposals under two competitions. Eligibility includes Indian tribal governments. Funding opportunity # OAA-OAR-CPO-2017-2004998. Deadline: 01/30/17.

Indoor Air Quality

U.S. HUD - HUD recipients can request technical assistance on basically any subject, as long as is it related to NAHASDA. The requests come in to the

ONAP Area Office, which typically considers whether the tribe has any other TA needs, and then assembles a TA request package for HQ to consider. From what I have been able to gather, training on indoor air issues has never been requested - but it could be. ONAP has contracts with certain TA providers for these TA requests. Those TA providers may subcontract as needed. The link below names the TA providers and discusses the process. A link to the ONAP CodeTalk website is provided below in case you are interested in getting a better feel for ONAP's Area Office structure. TA process:

<http://portal.hud.gov/hudportal/documents/huddoc?id=onaptaannouce.pdf>

CodeTalk:

http://portal.hud.gov/hudportal/HUD?src=/program_offices/public_indian_housing/ih

Most Recent Listing: EPA Rules from the Federal Register

Contents of the Federal Register for Wednesday, December 7th, 2016
(Past copies can be accessed [here](#)).

Rule

You have received this email as a subscriber to the NTAA Weekly Update. To unsubscribe or modify your subscriptions, click the appropriate link below:

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To: NTAA@LISTS.NAU.EDU[NTAA@LISTS.NAU.EDU]
From: NTAA
Sent: Fri 4/21/2017 11:03:16 PM
Subject: FYI on fact sheet for EPA's Regulatory Reform Calls on Monday
REGULATORY REFORM TALKING POINTS FOR EPA CALL ON MONDAY.pdf

Hello Everyone:

I wanted to pass along a fact sheet I was sent today that might help you if you are attending either or both of EPA's conference calls on regulatory reforms.

This fact sheet was not produced nor is endorsed by the NTAA. I am merely passing it along for your information before Monday's calls.

As a reminder, EPA is hosting two conference calls on Monday, April 24th:

The U.S. EPA's Office of Air and Radiation (OAR) is holding a public meeting via teleconference on April 24, 2017 at 11 am ET so that EPA can listen and learn from those directly impacted by EPA's implementation of Executive Order 13777, Enforcing the Regulatory Reform Agenda. The focus of this teleconference will be on **air and radiation actions only**. You can call into **Ex. 6** and use access code

Ex. 6

The U.S. EPA's Office of International and Tribal Affairs/American Indian Environmental Office will host an informational session with tribal leaders, tribal government officials, and tribal organizations on April 24, 2017 at 2 pm ET EPA's implementation of Executive Order 13777, Enforcing the Regulatory Reform Agenda. You can call into 1-

Ex. 6

with Access Code **Ex. 6**

Have a great weekend everyone!

Andy

Andy Bessler

Project Director



National Tribal Air Association

P.O. Box 15004

Flagstaff, AZ 86011-5004

Office: **Ex. 6**

Cell:

Fax: 928-523-1266

www.ntaatribalair.org

ENVIRONMENTAL PROTECTIONS ROLLBACK TALKING POINTS:

- ☐ Pursuant to an Executive Order by President Trump to purportedly “alleviate unnecessary regulatory burdens,” the Environmental Protection Agency is setting up a Task Force to target all of the agency’s key environmental protections for potential “repeal, replacement, or modification.” In short, EPA is looking to strip away key protections for wildlife and natural resources.
- ☐ As part of this process, EPA’s Task Force is accepting public input.
- ☐ The Task Force is seeking comments by May 15 and holding a series of public hearings, both in person and via teleconference.
- ☐ Of particular note is a public hearing via teleconference being held by EPA’s Office of Air and Radiation on April 24 at 11 AM EDT.
- ☐ Information on how to submit written comments, as well as information on the all the public hearings and teleconferences, can be found here.

1) Strong Environmental Protections Enjoy Broad Support:

- ☐ Americans, and especially Americans who use and enjoy the outdoors, realize that clean air and clean water are important American resources we need to protect.
- ☐ A strong majority of Americans want to see EPA protections strengthened or kept at the same level.
- ☐ People know that without strong protections for clean air and clean water, the rivers, lakes, streams, mountains, coasts, plains and climate that we and wildlife depend on will suffer. In short, Americans do not support a rollback of environmental safeguards.

2) Environmental Protections are a Shared American Value:

- ☐ Safeguarding wildlife and natural resources based on science on what the law requires has guided the Environmental Protection Agency since President Richard Nixon founded it in 1970 and William Ruckelshaus was its first Administer.
- ☐ The EPA under both Republican and Democratic Presidents have used science to craft protective rules that have made our waters cleaner, our air purer and our climate safer based on well vetted, science-based, transparent processes and the laws Congress has written.
- ☐ Virtually all evidence suggests that the benefits of these protections outweigh the costs, often vastly.
- ☐ Moreover, the benefits accrue broadly to the public, keeping people healthier, protecting wildlife and enabling people to better enjoy our abundant natural resources.

3) States Cannot be Expected to Protect Our Environment Alone:

- ☐ We have already tried leaving protection of our natural resources and environment up to states, and it failed.
- ☐ In the fifties and sixties, with states largely in charge of protecting the environment without much help from the federal government, rivers were so polluted they caught fire, Lake Erie was all but lifeless, cities were choked in smog, and toxins like lead were pervasive and harming children.
- ☐ Among other factors, states are limited in funding, they cannot control the many pollutants that can flow from other states into theirs, the cannot take cross-state approaches that look

holistically at the needs of vast ecosystems like the Great Lakes or Chesapeake Bay, and they are subject to pressures such as the “race to the bottom” that can result in a hollowing out of protections for perceived short term gains.

- It was only with the EPA and a strong federal safety net of protections that we were able to make progress in cleaning up and protecting our water and air.

□

4) **Important Measures to Protect Wildlife from Climate Change and Air Pollution Should Stay**

Strongly in Place: EPA climate and air quality initiatives are prudent, popular, and cost-effective and protect people, communities and wildlife, while boosting jobs and our economy.

Examples of important measures that protect wildlife and our natural resources.

- **The Clean Power Plan:** This measure – required pursuant to the law and two Supreme Court cases – will protect wildlife from climate change by reducing harmful greenhouse gas emissions from our power sector. It will also create jobs, keep America at the leading edge of the energy revolution worldwide and spur American innovation by speeding the growth of clean, responsible renewable energy, where the real energy boom is happening.
- **The Mercury and Air Toxics Rule:** Americans should be able to safely eat the fish they catch. But, sadly, in many places in America today they cannot because mercury from power plant emissions accumulate in our waters, and the fish that live in them. As fish are consumed up the food chain, wildlife like loons suffer ill effects, as do people. Developing fetuses and children are particularly vulnerable to mercury contamination from fish. Moms and dads shouldn’t have to reduce their kids’ fish consumption to avoid toxic pollution, and the recreational and sport fishing industries shouldn’t have to pay for excessive fossil fuel pollution. The mercury rule places affordable and sensible controls on emission from these plants, protecting fish and wildlife from mercury and working to make our fish safe to eat. Many plants are already in compliance with this rule.
- **The Ground Level Ozone Standards:** It is important that we not roll back the ground level ozone standards. These tightened standards protect people from a variety of health problems such as asthma, which affects 1 in 12 Americans, and also contributes to a more enjoyable outdoor experience. According to [EPA](#), these improved standards will result in the prevention of up to 660 premature deaths and 230,000 asthma attacks in children each year.
- **Cross State Pollution Rule:** States cannot protect themselves from the air pollution generated by other, upstream, states. This is why it is so important to keep in place the cross state pollution rule that will reduce summertime pollutants like nitrogen oxides (NOx) from power plants in 22 states providing health and pollution relief and up to \$880 million dollars in benefits to Americans.
- **Methane Standards for New and Modified Oil and Gas Operations:** This rule is a commonsense approach to reducing wasteful and polluting practices by oil and gas developers that allow methane – a key ingredient in natural gas – to either literally go up in flames or escape into thin air. The rule could create the equivalent of 50,000 jobs and result in ultimate savings from the harms caused by this ground level pollutant and potent driver of climate change. In addition, EPA should move forward with similar rules for existing sources of oil and gas operations.

- ***Regional Haze Rule:*** The commonsense rule requires power plants near national parks like the Grand Canyon and the Smoky Mountains to reduce pollution that causes haze. Haze is both a health hazard and threat to the enjoyment of these public treasures.
- ***Fuel Efficient Standards for Cars and Trucks:*** These rules – already the subject of a rollback – make our air safe to breathe, reduce a host of pollutants that harm wildlife and outdoor users, and work to keep our climate safe. If anything is done with these rules, the next round of efficiency improvements should be reinstated.

From: Andy Bessler

Location: Call into or toll free and use code

Importance: Normal

Subject: Documents and DOJ Presentation Added: NTAA EC Standing Monthly call

Start Date/Time: Mon 8/14/2017 6:00:00 PM

End Date/Time: Mon 8/14/2017 8:00:00 PM

[July 2017 NTAA EC Meeting Summary.docx](#)

[July 2017 NTAA EC July Meeting Minutes EW.docx](#)

[NTAA Action Item Matrix 2017 updated 8.9.17.xlsx](#)

[NTAA EC In-Person Mtg Agenda withTAMS Sept 2017.docx](#)

[NTAA VW Settlement WG Questionnaire on insurance issue.docx](#)

...

NTAA EC Standing Monthly Call

August 14, 2017

10 am AK / 2 pm ET

Call into **or toll free**

Use code

To view documents discussed on the call, please click here:

<https://global.gotomeeting.com/join/117860029>

Stand by for a revised call agenda

1. INTRODUCTIONS: Wilfred J. Nabahe, NTAA Executive Committee (EC) Chair

- A. Invocation
- B. Roll Call of NTAA EC Members, NTAA, EPA Staff and others
- C. Office of Air and Radiation (OAR) Update
- D. Office of Air Quality Planning and Standards (OAQPS) Update
- E. Approval of July EC Meeting Minutes and Summary

- F. Approval of NTAA Member Tribe Applications: None at this time

2. NTAA PARTNERSHIP UPDATES (If Needed): Wilfred J. Nabahe, NTAA Executive Committee (EC) Chair

- A. Tribal Air Monitoring Support (TAMS) Center
- B. National Tribal Caucus (NTC)
- C. Clean Air Act Advisory Committee (CAAAC)
- D. National Radon Action Plan

3. NTAA PROJECT TASKS AND UPDATES: Wilfred J. Nabahe, NTAA Executive Committee (EC) Chair

- A. Work Group Updates
 - 1. IAQ
 - 2. VW Settlement

A. Review of Draft Agenda of September's NTAA EC In-Person Meeting and Joint Meeting with TAMS Steering Committee

A. NTAA Staff Updates (If needed)

1. NTAA Website Update
2. Review of NTAA Action Item Matrix

A. Discussion of NTAA Proposed Policy Response Kits

1. Match Requirement Letter
2. Support Letter for Alaska Energy Authority

A. Regional Updates (If needed)

A. Briefing on the VW Settlement by DOJ: Rob Mulhaney

To: Mckelvey, Laura[Mckelvey.Laura@epa.gov]
From: Joy Wiecks
Sent: Thur 1/26/2017 3:54:35 PM
Subject: O3 designation

Hi Laura,

I only have a minute here, but I have a question for you. We recommended to Region 5 that the Reservation be designated "attainment" for the new ozone standard, but we failed to let them know whether we wanted to be our own "region" or considered part of the county. I think we'd want to be our own region but are there any downsides to that? Ben Giwojna at Region 5 thought the only issues would be if there were boundary disagreements (there aren't) or if the surrounding counties were non-attainment (they aren't).

-Joy

To: NTAA@LISTS.NAU.EDU[NTAA@LISTS.NAU.EDU]
From: NTAA
Sent: Wed 4/12/2017 4:13:44 PM
Subject: NTAA Weekly Update, April 12, 2017



National Tribal Air Association

NTAA Weekly Update

Week of April 10th – April 14th, 2017

If you have difficulty reading this email, click here to view it online.

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TOP STORIES

NTAA wishes to congratulate the newly appointed Tribal members of the U.S. EPA's Clean Air Act Advisory Committee (CAAAC):

* **Natalene Cummings**, Air Quality Program Manager - Forest County Potawatomi Community

* **Melanie Lawson** – Air Quality Program Coordinator - Choctaw Nation of Oklahoma; and

* **Kris Ray**, Air Quality Program Manager - Confederated Tribes of the Colville Reservation

They will be starting their work soon to advise the U.S. EPA on air quality issues. Please join us in congratulating Natalene, Melanie and Kris! More information on the CAAAC can be [found here](#).

Greenwire – [Pruitt eyes faster tribal Superfund cleanups – caucus chair](#)

Arizona Daily Sun - [Rez uranium a challenge](#)

New York Times - [What's at Stake in Trump's Proposed E.P.A. Cuts](#)

HEADLINES

Ambient Air Quality/EPA/NTAA/Tribes

Pacific Standard – [The Difficulty, and Importance, of Tracking U.S. Methane Emissions](#)

Indianz.com – [Resource extraction brings few benefits for tribes](#)

Washington Post - [D.C. Circuit grants EPA's request to delay smog rule case](#)

Seattle PI - [Northwest EPA worker blasts new boss in resignation](#)

NPR - [Cash-Strapped State Environmental Agencies Brace for Budget Cuts](#)

The Hill – [EPA shutting down climate adaptation program](#)

E&E News - [Trump may change or scrap Obama ozone standard](#)

E&E News - [White House moves to kill lawsuit over 2-for-1 order](#)

Indianz.com - [Tribes enter a new era with conservative lean at Supreme Court](#)

National Association of Clean Air Agencies – [Washington Update](#)

Climate Change/Energy

Bloomberg News - [Time Running Out for Trump to Rescue This Coal Giant for Tribes](#)

Washington Post - [Climate change could destroy far more Arctic permafrost than expected — which worsens climate change](#)

Colorlines - [How One Small Tribe Beat Coal and Built a Solar Plant](#)

E&E News - [Southwest asks: If coal dies, what comes next?](#)

Indian Country Today – [Northern Cheyenne Sue to Block Coal Mining on Public Lands](#)

CNN – Great Barrier Reef ‘cooking and dying’ as seas heat up, warn scientists

Fusion – Trump’s Domestic War on Climate Action has Propelled States into Battle

ARS Technica – Aggressive emissions cutbacks would drop heat waves in half in 20 years

Toxics/Mobile Sources

Inside Climate News – Alaska Oil and Gas Spills Prompt Call for Inspection of All Cook Inlet Pipelines

Washington Post – Trump moves to open Atlantic coast to oil drilling for the first time in more than 30 years

Texas Monthly – A Houston Company is Set to Massively Expand Its Canadian Pipeline. Expect Standing Rock-Like Resistance from Canadian First Nation Tribes and Environmentalists.

Indoor Air Quality

Globe Newswire – [United States \\$10+ Billion Indoor Air Quality Market, 2021](#)

Cooling Post – [Changing color of indoor air quality](#)

Photos from the field

Christian Science Monitor – [Appalachia's new trail: finding life after coal](#)



An abandoned coal preparation plant rusts away in Kentucky's Knott County – a symbol of the coal industry's decline. Photo credit: Alfredo Sosa/Staff

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UPCOMING CALLS/EVENTS

Ambient Air Quality/EPA/NTAA/Tribes

NTAA Upcoming Calls. The toll-free number is 1-800-309-2350. If you do not need to call toll free, or would like to help conserve NTAA funding, you can call 1-805-309-2350. Both numbers use code 928-523-0526#.

Contact Andy.Bessler@nau.edu if you have any questions about any call!

Volkswagen Work Group Call: Discuss the latest developments in the VW Settlement	Thursday, April 20, 2pm ET
---	----------------------------

EPA Grants Award Process Webinar

Date: Wednesday, April 12, 2017

Time: 2:00 – 3:00 PM ET

EPA's Office of Grants and Debarment periodically hosts webinars for the EPA grants community. If you are interested in applying for EPA grants or are currently managing an EPA grant, please consider attending the upcoming webinar listed below. Please

see <https://www.epa.gov/grants/epa-grants-award-process-webinars> for current information and materials. The webinar will cover grants topics, including: how to find and apply for grant opportunities; EPA's Grants.gov requirement; and preparing a proper budget detail. In addition, we will be hosting a Q&A session during the second half of the webinar.

You do not need to register. If you wish to attend, just go to the following link a few minutes before the webinar starts: [Grant Award Process Webinar](#). There is no call-in number – audio will be broadcast through your computer speakers or headphones.

Prosper Sustainably, the Pala Environmental Department (PED), and Yavapai Apache Nation Environmental Protection Department (YANEPD) will be conducting a webinar on "How the Pala Tribe and Yavapai Apache Nation Developed and Use an EPA-Tribal Environmental Plan (ETEP)" on **Wednesday, April 19, 2017 from 9:30am to 10:30am Pacific Time**. To register, please click [here](#).

Registration for the National Tribal Forum on Air Quality (NTFAQ) is now open! The National Tribal Forum on Air Quality (NTFAQ) provides an opportunity to meet, exchange ideas, and discuss current topics relevant to tribes in air quality and climate change. [Click here for all details and registration.](#)

**2017 Exchange Network National Meeting
May 16-18, 2017
Sheraton Philadelphia Society Hill**

More information: www.exchangenetwork.net/en2017

The theme for EN2017 is "Innovation and Partnership." During the meeting, we will be exploring examples of:

- How innovation can cross Federal, State, Territorial, and Tribal boundaries;
- How working creatively together as Partners can identify innovative solutions;
- How Partnerships are the new "best practice;" and
- How we can all employ innovation in our daily work.

TRAVEL SCHOLARSHIPS FOR TRIBES. The Institute for Tribal Environmental Professionals (ITEP) will provide a limited number of travel

scholarships to eligible individuals representing federally recognized Tribes and/or eligible Tribal organizations. Support for airfare, mileage, lodging, and per diem is available. Funding will be allocated on a first-come, first-served basis. For more information or to request a scholarship, please contact ITEP's Lydia Scheer at lydia.scheer@nau.edu

The U.S. EPA 2017 International Emission Inventory Conference will be held at the Hyatt Regency Baltimore on the Inner Harbor Hotel in Baltimore, MD August 14-18, 2017. This conference will focus on how emission inventories meet the challenges posed by improving emissions inventory science and also streamline inventory creation processes to improve the resulting inventories. [Click here](#) to learn more about the conference and how to submit abstracts.

The Institute for Tribal Environmental Professional's (ITEP's) [Tribes and Climate Change Calendar](#) includes conferences, trainings, webinars and other events related to tribes and climate change. [Click here](#) for ITEP's other trainings and events. [Click here](#) for ITEP's new Tribal Environmental Management and Planning Online Courses. New courses have been added, so check it out!

ITEP's [2017 AIAQTP Course Schedule](#)

ITEP's American Indian Air Quality Training Program Course Calendar:

Course Title	Dates 2017	Location
Introduction to Tribal Air Quality	June 6-9	Flagstaff, AZ
Quality Assurance (QA) Fundamentals	Open	Online
Building Performance: Improving Energy Efficiency & IAQ in Cold Climates	Open	Online
Radon Fundamentals	Open	Online
Emissions Inventory - Fundamentals	Closed	Online

Emissions Inventory - Advanced	Closed	Online
Wildfire and Air Quality	Dates TBD	Online

Note: This schedule is subject to change. [Click here](#) for up-to-date information, course descriptions, and applications. If you have questions regarding the pre-requisites or your eligibility for this course, please contact Patricia Ellsworth, Air Quality Curriculum Coordinator, at Patricia.Ellsworth@nau.edu or phone 928-523-6721. For more information, please visit [ITEP's website](#).

Climate Change / Energy

Toxic / Mobile Sources

The National Association of Clean Air Agencies (NACAA) has established a [repository for state and local agency information and links](#) pertaining to the Volkswagen (VW) settlement and the Mitigation Trust Fund. The information accessible from the repository includes state and local agency webpages, public outreach materials, drafts of documents, etc.

Indoor Air Quality

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RESOURCES

Now Hiring!

Office of Environmental Resource Management (OERM) is hiring a Tribal Climate Science Liaison

The Tribal Climate Science Liaison will serve as a technical expert on climate change issues, resource vulnerability, and climate adaptation actions to Tribal nations in the USET region, and more broadly in the combined region comprising the Department of Interior's Northeast Climate Science Center and Southeast Climate Science Center (NE CSC and SE CSC). The Tribal Climate Science Liaison will be responsible to develop and implement a communication, education and outreach program; identify climate research needs and priorities; and provide climate adaptation planning support to Tribal nations. He/she will also integrate program and research results into budget documents, annual reports, or other documents. The Tribal Climate Science Liaison will participate in a network of Tribal climate science liaisons within the Climate Science Center system; and a national workgroup of Tribal organizations, Tribal colleges, and other partners to address policy and resource issues associated with Tribal climate resilience. This position will be based at the University of Massachusetts-Amherst.

Position posted: April 5, 2017

Closing date: Open until filled

More information: Tammy Neptune tneptune@usetinc.org

BIA Student Internship Job Announcements

The Bureau of Indian Affairs (BIA) Office of Trust Services (OTS) is continually seeking scientists and technicians in a range of STEM-related disciplines to protect, conserve, utilize, and manage Indian forest and agricultural lands and resources, including water and power. BIA is recruiting for several internship positions working across various Agriculture and Rangeland Management or Forestry and Wildland Fire Management programs. Students can intern with the BIA or with a tribal related program. Intern job vacancy announcements are posted to USAJOBS and can be

found at www.usajobs.gov/StudentsAndGrads.

King County Department of Natural Resources, Water, and Land Resources is recruiting staff for the summer to support King County's stream benthic macroinvertebrate monitoring program. This opportunity is for a few months in the summer and would be ideal for someone in college or starting out in their career to get some experience in benthic macroinvertebrate sampling in a robust and well-established monitoring program. Contact Deb Lester for more information:
Deborah.Lester@kingcounty.gov

Tamarisk Coalition hiring Restoration Coordinator Position

Deadline to apply is April 17, 2017. More information [here](#) and [here](#).

Quinault Indian Nation is seeking a Fire Management Officer/Fire Chief

This position is responsible for the planning, programming, administration, development, coordination, and supervision of the Fire/Fuels Program for the Quinault Indian Reservation. This includes both wildland fire and structure fire. Duties include, but are not limited to fire preparedness, fire prevention, fire operations, dispatch to off-site fires, mechanical site preparation, prescribed fire, budgets, payroll, support action fires, fire rehabilitation, and wildland/structure firefighting and training.

A Quinault Indian Nation application must be received by COB on 4/20/2017. Go to <http://quinaultindiannation.com/jobs.htm> for the job description, application form and instructions or contact Misty Schmidt, Human Resources, at 360-276-8215 ext4611. For further information, please contact Jim Plampin at 360-276-8215, ext. 290 or jplampin@quinault.org

Ambient Air Quality/EPA/NTAA/Tribes

Wildland Fire Sensors Challenge

Six federal agencies have announced a Wildland Fire Sensors Challenge seeking an accurate, lower-cost, and low-maintenance air quality monitoring system that can be used during a wildfire or controlled fire. The data provided by the sensor system will help federal, state, local and tribal agencies protect the health of first responders and communities affected by the smoke.

Developers are encouraged to submit a prototype sensor system that measures fine particulate matter (PM_{2.5}), carbon monoxide (CO), ozone (O₃) and carbon dioxide (CO₂). The system should be capable of rapid deployment and continuous real-time monitoring of highly dynamic air pollution levels during a fire event. Developers should also aim for designs that are easy to use and self-powered; include location data; and wirelessly transmit data to a central data-receiving station.

Written submissions are due by **Nov. 22, 2017** and prototypes must be submitted by **Jan. 5, 2018**. The sensor systems will be evaluated in government specialty labs based on 1) accuracy over a wide range of pollutant levels, 2) system cost, and 3) operation requirements relevant for wildland fire deployment. All developers who submit prototypes will receive direct feedback on laboratory tests and end user review.

The Challenge total award pool is \$60,000, which may be awarded in total to one winner if all the requirements are met, or divided into several partial awards. Prize winner(s) will be selected following the conclusion of judging in summer 2018.

The sponsors of the Sensors Challenge are the Centers for Disease Control and Prevention (CDC), U.S. Environmental Protection Agency (EPA), U.S. Forest Service (USFS), National Aeronautics and Space Administration (NASA), National Oceanic and Atmospheric Administration (NOAA), and National Park Service (NPS). The non-profit organization, Tall Timbers Research Station, is also a partner. To learn more, visit: www.challenge.gov/challenge/wildland-fire-sensors-challenge

Children's Wood Smoke Activity Book

EPA Region 10, with the help of the Burn Wise Alaska program in the Alaska Department of Environmental Conservation and Carolyn Kelly of the Quinault Indian Tribe, recently published a children's activity book related to wood smoke that is relevant to Tribes across the country. Children can read the story about best burning practices, color the pictures, and do the activities included in the book.

You can find the Wood Smoke Activity Book on the national EPA Burn Wise website: <https://www.epa.gov/burnwise/wood-smoke-activity-book>.

Climate Change/Energy

Toxics / Mobile Sources

Indoor Air Quality

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:

[Codetalk Homepage:](#)

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FUNDING OPPORTUNITIES

Ambient Air Quality/EPA/NTAA/Tribes

U.S. EPA Air Grants and Funding:

EPA's Office of Air and Radiation (OAR) announces competitive funding announcements for projects and programs relating to [air quality](#), [transportation](#), [climate change](#), [indoor air](#) and other related topics. **This page** provides access to information about current funding opportunities under 'Open Announcements' and also provides as a reference tool, all previously announced funding announcements listed below and in archives under 'Closed Announcements'.

Climate Change/Energy

Indoor Air Quality

HUD's Indian Community Development Block Grant Program

Closing date for Applications: May 18, 2017

The purpose of the ICDBG program is the development of viable Indian and Alaska Native communities, including the creation of decent housing, suitable living environments, and economic opportunities primarily for persons with low and moderate incomes as defined in 24 CFR 1003.4.

More information can be found [here](#).

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Most Recent Listing: EPA Rules from the Federal Register

There are no contents of the Federal Register for Wednesday, April 12, 2017. _

(Past copies can be accessed [here](#)).

Rule

Tolerance Exemptions: Monoethanolamine

FR Document: [2017-07130](#) Citation: 82 FR 17563 [PDF](#) Pages 17563-17569 (7 pages) [Permalink](#)

Proposed Rule

Chlorinated Phosphate Ester (CPE) Cluster:

TSCA Section 21 Petition; Reasons for Agency Response

FR Document: [2017-07404](#) Citation: 82 FR 17601 [PDF](#) Pages 17601-17613 (13 pages) [Permalink](#)

Relaxation of Federal Reid Vapor Pressure Gasoline Volatility Standards:

Davidson, Rutherford, Sumner, Williamson, and Wilson Counties, Tennessee

FR Document: [2017-07399](#) Citation: 82 FR 17597 [PDF](#) Pages 17597-17601 (5 pages) [Permalink](#)

Notice

Meetings:

Human Studies Review Board

FR Document: [2017-07134](#) Citation: 82 FR 17658 [PDF](#) Pages 17658-17659 (2 pages) [Permalink](#)

Pesticide Product Registrations:

Receipt of Applications for New Uses

FR Document: [2017-07406](#) Citation: 82 FR 17659 [PDF](#) Pages 17659-17660 (2 pages) [Permalink](#)

You have received this email as a subscriber to the NTAA Weekly Update. To unsubscribe or modify your subscriptions, click the appropriate link below:

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Andy Bessler

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www.ntaatribalair.org

To: NTAA@LISTS.NAU.EDU[NTAA@LISTS.NAU.EDU]
From: NTAA
Sent: Wed 11/8/2017 4:46:56 PM
Subject: NTAA Weekly Update, November 8, 2017
[11.8.17NTAAWeeklyUpdate.pdf](#)

Greetings from NTAA:

Please find the attached NTAA Weekly Update for the week of November 8, 2017.

You can always find this and previous NTAA Weekly Updates on NTAA's [website here](#).

Thanks and have a great day!

Andy

Andy Bessler

Project Director



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National Tribal Air Association

NTAA Weekly Update

***Week of November 6th –
November 10th, 2017***

If you have difficulty reading this email, click [here](#) to view it online.

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TOP STORIES

Tribes in Region 10 have one seat to fill on the National Tribal Air Association (NTAA) Executive Committee, for an Alternate.

Kevin Greenleaf from the Kootenai Tribe of Idaho is currently serving as primary NTAA Region 10 representative. The Alternate NTAA Region 10 representative position is now open for nominations due December 4, 2017. To submit a nomination, please send the following information by email to Andra Bosneag at Bosneag.Andra@epa.gov by December 4, 2017:

- ☐ Name, Title, Tribe, Phone Number, Email Address, and Background on why this person would be a good candidate and/or why you are interested in the position (300 words or less).

Please feel free to contact [Kevin Greenleaf](mailto:Kevin.Greenleaf@epa.gov) (208-267-3519 or) or [Andy Bessler](mailto:Andy.Bessler@epa.gov) (928-523-0526 or) if you have any questions.

Notice of public hearing and extension of comment period for the proposed repeal of the Clean Power Plan

NTAA is preparing a Policy Response Kit to help Tribes respond to EPA by January 16th. For more information, see [EPA's News Release](#) and the Federal Register notice [released today here](#).

EPA Administrator signs the notice designating most of the country for the 2015 ozone standards. These include areas where there is agreement on the area designations. No nonattainment areas are included in the action. A prepublication version of the notice is available at <https://www.epa.gov/ozone-designations/ozone-designations-regulatory-actions>.

HEADLINES

Ambient Air Quality/EPA/NTAA/Tribes

The Hill - [EPA won't say which areas don't meet Obama smog rule](#)

Indianz – [Republican campaign for Arctic refuge drilling puts Alaska Native divisions on display again](#)

The Hill – [Trump to reconsider Grand Canyon uranium mining ban](#)

NPR – [Scientists Alarmed by Pruitt's Changes to EPA Advisory Boards](#)

E&E News – [EPA: New adviser suggested clean air's 'not good for the children'](#)

Dallas Morning News - [Senate panel takes up nomination of former Texas regulator and climate change skeptic to head environmental council](#)

Indianz – [Environmental groups sue Trump administration over national monument plans](#)

The Guardian - ['As close as the US gets to Egypt's pyramids': how Chaco Canyon is endangered by drilling](#)

E&E News – [Agenda: Taxes, ANWR and nominees take center stage](#)

Arizona Republic - [How a purple school bus brings clean drinking water to Navajo Nation](#)

National Association of Clean Air Agencies – [Washington Update](#)

Climate Change/Energy

Climate Wire - [Blue wave seen as a rebuke to Trump's climate views](#)

USA Today - [Exclusive: EPA's Pruitt vows to continue rolling back rules despite alarming climate report](#)

National Geographic - [Fight Climate Change by Suing Polluters, Says Scientist](#)

Colorlines – [New Study Makes Clear That Humans Are Causing Global Warming](#)

E&E News – [Trump didn't mess with climate study. But he might ignore it.](#)

Ensia – [Deep in the Jungle, Scientists Explore the Links between the Congo and Climate Change](#)

High Country News – [In Grand Staircase-Escalante, coal and fossils lie side by side](#)

High Country News – [How an ancient potato helped people survive climate shifts](#)

E&E News – [Committee to advance onshore-offshore energy bill](#)

E&E News – [National Parks: Interior review omits oil and gas rule](#)

E&E News – [Tax Policy: Renewable energy boosters alarmed at GOP bill](#)

COP 23

Washington Post - [As Syria embraces Paris climate deal, it's the United States against the world](#)

AP News – [Climate change: 5 things to know about Bonn climate summit](#)

E&E News – [Pruitt opts out of U.N. climate talks, sends staff](#)

NY Times – [Here's How Far the World Is From Meeting Its Climate Goals](#)

Reuters – [China may grasp climate leadership at U.N. talks with Trump pulling out](#)

Toxics/Mobile Sources

NPR – [After Chemical Fires, Texans Worry about Toxic Effects](#)

CBS New – [Ohio sues gas pipeline developer for environmental violations](#)

Autoweek - [Tax plan may eliminate \\$7,500 electric car credit, sparking fears for EV sales](#)

Indoor Air Quality

EU Observer – [Household air pollution, the forgotten health hazard](#)

The Daily World – [Healthy houses can mean healthy people](#)

Photos from the field

E&E News – [Solar: DOE prepares report to Congress on net metering](#)



The Federal Energy Regulatory Commission is reviewing comments submitted about net metering. Alex Wohlhueter/Flickr

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UPCOMING CALLS/EVENTS

Ambient Air Quality/EPA/NTAA/Tribes

Save the Date and Help Out!

The Institute for Tribal Environmental Professionals (ITEP) and National Tribal Air Association (NTAA) are beginning to plan the 2018 National Tribal Forum on Air Quality (NTF) which will be held May 14-18, 2018. We are recruiting tribal, EPA and other staff who are interested in helping to shape the agenda and make it as informative and interactive as possible. For your reference, attached is a copy of last year's NTF Agenda.

To do this, we are forming workgroups around the various sessions that are planned and are seeking volunteers to help contribute to the workgroups. If you are interested, please submit your name on the form linked below and we will include you in the workgroup(s) of your choice. You may also invite others from tribes,

EPA, state/local governments, etc. You can [volunteer for NTF planning workgroups here](#).

NTAA Upcoming Calls. The toll-free number is 1-800-309-2350. If you do not need to call toll free, or would like to help conserve NTAA funding, you can call 1-805-309-2350. Both numbers use code 928-523-0526#.

Contact Andy.Bessler@nau.edu if you have any questions about any call!

New registration instructions When you register for the GoToWebinar, please remember to include your Tribe, Region, or Organization in parenthesis after your last name. This will allow us to not do a roll-call, ultimately saving everyone's time.

Indoor Air Quality Work Group: Help implement the IAQ work group priorities	Thursday, November 16, 2pm ET
EPA Policy Update Call: Receive updates from EPA	Thursday, November 30, 2pm ET

ITEP's Climate Change Adaptation Training Courses registration is now online! [Learn more about the courses and register here.](#)

Save the Dates: Air Quality Planning for Wildland Smoke

This webinar series will provide attendees with an understanding of the impacts of wildland smoke on the health of tribal communities and strategies to minimize exposure. Each 90-minute webinar will feature multiple presentations on the topics listed below. The webinars are free and open to anyone; registration for the webinars will be available in late November. The webinars will be recorded.

☐ Webinar 1 – January 18, 2018, 2:00 pm EASTERN STANDARD TIME

We will explore the components of wildland smoke, how much is produced under different circumstances, and how the components of smoke affect our health.

☐ Webinar 2 – February 1, 2018, 2:00 pm EASTERN STANDARD TIME

This webinar will look at modeling of smoke movement, the role of air resources advisors (ARAs), and the use of portable monitors or sensors to collect data.

☐ Webinar 3 – February 15, 2018, 2:00 pm EASTERN STANDARD TIME

Gathering and disseminating information to our communities before, during, and after a smoke event is critical to ensuring the health and safety of our communities. This webinar will provide tips and strategies for finding information, using social media, and developing outreach products.

☐ Webinar 4 – March 1, 2018, 2:00 pm EASTERN STANDARD TIME

In this webinar, Tribal presenters will describe how smoke events impacted their communities, how utilizing monitoring data during a wildfire can help identify health risks, and how tribes can better prepare for wildfire seasons.

□ Webinar 5 – March 15, 2018, 2:00 pm EASTERN *DAYLIGHT* TIME

With smoke events increasingly common, the final webinar will provide information on preparing homes for smoke intrusion, using air scrubbers, creating community cleaner-air shelters, and protecting the health of pets and livestock.

Tribal staff have an opportunity to participate in a hands-on workshop designed to reinforce the concepts presented in the webinar series. Workshop participants will learn and practice additional skills that will aid in preparation for wildland smoke events. All webinars must be completed prior to the in-person workshop (scheduled for Boise, Idaho, March 27-28, 2018). The in-person workshop application will be available in mid-December on the ITEP website:

http://www7.nau.edu/itep/main/Training/training_air.

If you would like additional information please contact Pat Ellsworth, Institute for Tribal Environmental Professionals, at patricia.ellsworth@nau.edu or 928-523-672.

The Institute for Tribal Environmental Professional's (ITEP's) Tribes and Climate Change Calendar includes conferences, trainings, webinars and other events related to tribes and climate change.

[Click here](#) for ITEP's other trainings and events.

[Click here](#) for ITEP's new Tribal Environmental Management and Planning Online Courses. New courses have been added, so check it out!

ITEP's 2017 and 2018 AIAQTP Course Schedule

Course Title	Dates	Location
2017		
Treatment As a State (TAS)	November 14-16	TAMS Center, Las Vegas, NV
Fundamentals of Air Monitoring	December 4-6	TAMS Center, Las Vegas, NV
2018		
Introduction to Tribal Air Quality	January 9-12	Flagstaff, AZ
IAQ Diagnostic Tools	February 6-9	TAMS Center, Las Vegas, NV
Air Quality Computations	February 27-March 2	Phoenix, AZ

Air Pollution Technology	March 13-16	Flagstaff, AZ
Air Quality Planning for Wildland Smoke (hybrid course)	March 27-28	Boise, ID
GIS for Air Quality	April 17-19	TAMS Center, Las Vegas, NV
Air Quality in Alaska	April 17-20	AK
Management of Tribal Air Programs and Grants (lower 48)	May 1-3	TBD
NTF	May	TBD
Air Pollution & Ecosystems	June 5-8	Flagstaff, AZ
Building Performance: Improving IAQ in Cold Climates	Open	Online
Residential Building Science Review	Open	Online
Radon Fundamentals	Open	Online
Quality Assurance (QA) Fundamentals	Open	Online
Emissions Inventory (self-paced, instructor assistance as needed)	Open	Online
Air Quality Planning for Wildland Smoke	January-March	Hybrid (webinars/classroom)

Note: This schedule is subject to change. [Click here](#) for up-to-date information, course descriptions, and applications. If you have questions regarding the pre-requisites or your eligibility for this course, please contact Patricia Ellsworth, Air Quality Curriculum Coordinator, at Patricia.Ellsworth@nau.edu or phone 928-523-6721. For more information, please visit [ITEP's website](#).

EPA Tools and Resources Webinar: Monitoring Cyanobacteria with Satellites November 15, 2017, 3:00-4:00 PM ET

After 40 years of using satellites to measure changes in the ocean, this technology is now coming of age to be used for water quality monitoring in lakes and reservoirs. Trade-offs between existing operational satellite platforms will be briefly reviewed along with the primary water quality indicators that can be derived to protect public health and the environment. EPA scientist Blake Schaeffer will highlight how federal agencies (EPA, NASA, NOAA and USGS) are collaborating to use real-world satellite applications that support environmental management of US lakes by quantifying cyanobacterial harmful algal blooms

(CyanoHABs) and related water quality parameters. This webinar will also discuss how provisional satellite derived cyanobacteria data and three different software tools are available to state environmental and health agencies for review and testing as part of the Cyanobacteria Assessment Network (CyAN).

To join the webinar, please [register here](#). If you are unable to listen through your computer speakers, please dial: 1-866-299-3188, access code: 202-564-6669. Please note telephone lines are limited and muted during the webinar. Please contact Lisa Matthews (matthews.lisa@epa.gov) for more information or Amy Scheuer (scheuer.amy@epa.gov) with registration questions.

Additional information and webinar recordings can be [found here](#).

On November 17, from 1:00 to 2:00 p.m. EST, PEPH will be hosting a webinar focused on wildfires and human health. Please register and join us as presenters discuss how the environmental exposures associated with wildfires affect human health and the approaches being used to develop targeted risk communication about wildfires.

Data Analysis and Reporting Tool (DART) Webinar

December 19, 2017; 10:00 AM PT, 11:00 MT, 12:00 CT and 1:00 ET

Sponsored by: Western Regional Air Partnership Tribal Data Workgroup

To attend [follow this link](#).

For Audio - 800-768-2983 access code 5859608

Attend the webinar to learn about the capabilities for data management, analysis and reporting of the tool. DART is a web-based application designed for acquiring, analyzing and screening all types of air quality data.

DART can be accessed through the password-protected [AirNow-Tech website](#). In the “About” box click on Register for AirNow Tech Account, then provide the information requested. Your request will then be reviewed and permission given by email. Once the data has been entered (manually or from AQS Data Mart) you can create graphs, screen for data validation and preform and if new data format then export to AQS.

The webinar will provide information on signing up for AirNow-Tech, general workflow of data through DART, how to enter data, create graphs, Screen for unreliable data,

The Western Regional Air Partnership (WRAP) is a voluntary partnership of states, tribes, federal land managers, local air agencies and the US EPA whose purpose is to understand current and evolving regional air quality issues in the West such as Regional Haze Rule; pollutants; emissions sources; air pollution transport; and effects of climate change on regional air quality.

The Tribal Data Workgroup (TDWG) works as part of the Technical Steering Committee to identify issues and concerns; gather information and data; provide training opportunities, participate in the regional haze planning effort and coordinate with other workgroups.

To become a Tribal WRAP member or to be part of the TDWG contact Tom Moore, tmoore@westar.org

Climate Change / Energy

Toxics/Mobile Sources

The Institute for Tribal Environment Professional's VW Settlement Technical Assistance Program Introductory Webinar for Tribes to Access the VW Settlement

When: Thursday, November 9, 2017, 8 am AK, 12 pm ET

You are invited to join ITEP's VW Settlement Technical Assistance Program's first webinar to learn how Tribes can access the \$55 million settlement from Clean Air Act violations by the automaker Volkswagen. For the next 6-10 years, Tribes will be able to sign up as settlement beneficiaries and submit environmental mitigation plans to replace or repower a selected list of diesel vehicles. Tribes have until January 2, 2018, to submit a funding request for the first round of funding and subsequent years have a deadline of September 1st of each year until 2023. If any of the \$55 million remains after 2023, funds will remain available to Tribes until the funds are exhausted.

This webinar will last one and a half hours and will provide attendees:

1. A brief introduction to the settlement
2. A review of the specific documentation that Tribes must submit to the VW Settlement Trustee
3. Specific resources for Tribes to use in submitting their documentation
4. Time to ask specific questions about the VW Settlement

The webinar will be moderated by ITEP's Project Director Andy Bessler.

Participants can use their telephone or computer mic & speakers (VoIP).

United States: +1 (415) 655-0060

Audio PIN: Shown after joining the webinar

Attendee Access Code: 135-835-181

Register and log in here:

<https://attendee.gotowebinar.com/register/4753429946415994626>

Click here to learn more and please contact us if you have any questions! Please forward this announcement to other tribal staff who are interested in this topic.

The U.S. Environmental Protection Agency (EPA) would like to invite your environmental organization to send your hazardous waste site project managers to the National Association of Remedial Project Managers (NARPM) Training Program, December 4 – 8, 2017 in Denver, Colorado.

The training program provides Superfund Remedial Project Managers (RPM) classroom training on innovative approaches to cleaning up hazardous waste sites, improve community and stakeholder outreach, enhance project management skills, and lessons learned through sharing case studies. Additionally, the training program provides an excellent opportunity for EPA, tribal and state partners RPMs to coordinate and network.

This year's training program focuses on:

- ☐ Community Engagement and Environmental Justice
- ☐ Investigation, Design, Remediation and Post Construction
- ☐ Technology and Contaminant-Specific Topics
- ☐ Project Management
- ☐ Optimal Cleanups

There are no registration or tuition fees to attend the training program. **Each entity is responsible for travel and per diem for their employees.** The training program is only intended for employees of federal, tribal, state, and local government agencies; contractors are not permitted to participate in the training program. Information about logistics, travel and lodging, registration and course descriptions is available online at www.trainex.org/narpm2017.

As needed, please coordinate with Anne Dailey, EPA Office of Superfund Remediation and Technology Innovation (OSRTI) Superfund Tribal Coordinator, at dailey.anne@epa.gov, Gary Turner, EPA OSRTI at turner.gary@epa.gov or Leslie Leahy, EPA OSRTI, at leahy.leslie@epa.gov who can assist you with any questions or provide additional information about NARPM.

Indoor Air Quality

U.S. EPA's Indoor Air Quality Tools for Schools Presents a Webinar:

A Proactive Approach to IAQ: Saving Money and Protecting Health with Preventative Maintenance, Thursday, November 9, 2017 11:00 AM - 12:30 PM MST. [Register here.](#)

Followed by an Expert Panel Question-and-Answer Session
Webinar participants will learn how to—

- Replicate the best practices of school district mentors to identify and implement the major components of an effective preventative maintenance program—proactive routine and regular maintenance and repair—to ensure that equipment and facilities perform reliably.
- Integrate preventative maintenance and indoor air quality (IAQ) management strategies to save money and protect health.
- Communicate the benefits of preventative maintenance practices in schools, such as a high return on investment, improvements in equipment longevity, and a reduction in unexpected and often costly repairs.
- Develop a business case, a value proposition and a communication strategy that generate broader acceptance of, compliance with and funding for IAQ preventative maintenance strategies.

EPA offers free IAQ Tools for Schools resources—including the School IAQ Assessment Mobile App—to help schools maintain a healthy indoor environment by identifying, correcting and preventing IAQ problems. Learn more about the IAQ Tools for Schools guidance and access other valuable school environmental health resources at www.epa.gov/iaq-schools. If you have any questions about the IAQ Tools for Schools guidance, please contact the IAQ Tools for Schools Connector Coordinator at iaqschools@epa.gov.

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RESOURCES

Now Hiring!

The Bears Ears Commission is hiring for the following positions, all of which have Native preference (click links for descriptions):

- [Executive Director](#)
- [Project Manager](#)
- [Administrative Associate](#)

Interviews began late October.

Ambient Air Quality/EPA/NTAA/Tribes

EPA Tools and Resources Webinar Series

Usually held the third Wednesday of every month from 3:00-4:00 PM ET

Who should attend? Representatives of state environment and health agencies, tribes, local governments, communities, and others interested in learning about EPA tools and resources available to help inform decision-making.

[Access past webinars and learn more here.](#)

“Particle Pollution and Your Patients’ Health” Course

This EPA course is designed for family medicine physicians, internists, pediatricians, occupational and rehabilitation physicians, nurse practitioners, nurses, asthma educators, pulmonary specialists, cardiologists, and other medical professionals. Upon completing this course, you will be able to:

- ☐ Explain what size particles are the greatest health concern and where and when they are a problem.
- ☐ Identify how particle pollution exposure affects the cardiovascular and respiratory systems.
- ☐ Identify how particle pollution exposure can affect the general population.
- ☐ Identify how particle pollution exposure affects patients with cardiovascular or respiratory disease.
- ☐ Explain the purpose and use of the Air Quality Index for advising patients how to protect their health.
- ☐ Discuss methods to reduce exposure during high particle pollution events.
- ☐ Address typical patient questions and clinical scenarios relating to particle pollution exposure.

[Access the course here!](#)

HOST SITES NEEDED FOR SUMMER INTERNSHIP PROGRAM

Submit your application by January 19, 2018!

The Institute for Tribal Environmental Professionals – Environmental Education Outreach Program at Northern Arizona University in Flagstaff, Arizona is seeking air quality focused offices and programs to host a college student for an 8-week summer internship. Tribal environmental offices, EPA offices, and other tribal environmental organizations are encouraged to apply. Please feel free to pass the announcement on to anyone who may be interested in applying as a host site. Projects MUST focus on addressing air quality issues in tribal communities.

For detailed information on the internship and requirements, see the attached flyer or visit our internship web-site:

<http://www7.nau.edu/itep/main/eeop/Internships/>

FOR QUESTIONS, PLEASE CONTACT the ITEP Intern Coordinator:
EEOP-INTERN@nau.edu

No-Cost Technical Assistance from DOE

The DOE Office of Indian Energy provides federally recognized Indian tribes, including Alaska Native villages, tribal energy resource development organizations, and other organized tribal groups and communities, with technical assistance to advance tribal energy projects at no cost. Technical experts from DOE and its national laboratories, along with other partnering organizations, provide support to assist Indian tribes and Alaska Native villages with energy planning, housing and building energy efficiency, project development, policy and regulation, resilience, and village power.

For more information, visit the on-request [technical assistance description](#).

To view and/or receive ITEP's American Indian Air Quality Training Program newsletter, [Native Voices, click here!](#)

Climate Change/Energy

Sign up for the [Alliance for Green Heat's newsletter!](#)

To view and/or receive ITEP's [Climate Change newsletter, click here!](#)

Toxics/Mobile Sources

Indoor Air Quality

The NTAA Indoor Air Quality (IAQ) Work Group hosted a webinar on the topic of **IAQ & Methamphetamine** on Thursday, Oct 19, 2017. We invite you to watch and learn more about this ongoing problem in Tribal communities and the sensitive challenges it presents for families across Indian Country. [Click here to watch now.](#)

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FUNDING OPPORTUNITIES

Ambient Air Quality/EPA/NTAA/Tribes

The Department of Homeland Security Notice of Funding Opportunity: FY2017 Pre-Disaster Mitigation

The Pre-Disaster Mitigation (PDM) program makes available Federal funds to State, Local and Tribal Governments to implement and sustain cost-effective measures designed to reduce the risk to individuals and property from natural

hazards, while also reducing reliance on Federal funding from future disasters. The PDM program strengthens national preparedness and resilience and supports the mitigation mission area in the National Preparedness System and National Preparedness Goal.

Key Dates and Times

Date Posted to Grants.gov: 07/10/2017

Application Start Date: 08/14/2017

Application Submission Deadline: 11/14/2017 at 03:00:00 PM [Eastern Time]

Anticipated Funding Selection Date: 01/30/2018

Anticipated Award Date: 12/30/2018

For more information, visit [this FEMA webpage](#).

FY 2017 Economic Development Assistance Programs, Department of Commerce

Full details [here](#)

There are no submission deadlines under this opportunity.

Funding range: \$100,000 to \$3,000,000

The Economic Development Administration (EDA) solicits applications from applicants in rural and urban areas to provide investments that support construction, non-construction, technical assistance, and revolving loan fund projects under EDA's Public Works and Economic Adjustment Assistance programs. Grants and cooperative agreements made under these programs are designed to leverage existing regional assets and support the implementation of economic development strategies that advance new ideas and creative approaches to advance economic prosperity in distressed communities. EDA provides strategic investments on a competitive-merit-basis to support economic development, foster job creation, and attract private investment in economically distressed areas of the United States. There are no submission deadlines under this opportunity. Proposals and applications will be accepted on an ongoing basis until the publication of a new Economic Development Assistance Program Federal Funding Opportunity announcement.

Bureau of Reclamation Provides Technical Assistance Funding Opportunity to Tribes

The Bureau of Reclamation has issued a funding opportunity for technical assistance to Indian tribes and tribal organizations through the Native American Affairs Technical Assistance to Tribes Program. This program is intended to establish cooperative working relationships, through partnerships with Indian tribes and tribal organizations, to ensure that tribes have the opportunity to participate

fully in Reclamation's Program as they develop, manage, and protect their water and related resources.

Approximately \$1,500,000 in Fiscal Year 2018 funding is anticipated to be made available. The funding per award will not exceed \$200,000 total over two (2) years (\$100,000 per year). Awards will be determined and administered by Reclamation's five regional offices located in Boise, Idaho; Sacramento, California; Boulder City, Nevada; Salt Lake City, Utah; and Billings, Montana. Project awards will be made through grants or cooperative agreements, as applicable to each project. If a cooperative agreement is awarded, the recipient should expect Reclamation to have substantial involvement in the project. Applicants should describe in their proposal the level of Reclamation involvement. Reclamation participation will be subject to the availability of resources. This funding opportunity is available on [grants.gov](https://www.usbr.gov/grants) by searching for funding opportunity BOR-DO-18-F001. The deadline for submission of proposals is January 17, 2018. Reclamation will complete proposal reviews as soon as practicable after the deadline. After selection, financial assistance agreements will be awarded to applicants that successfully pass all pre-award reviews and clearances.

Eligible proposals that are not awarded during the current fiscal year due to a lack of time or available funding may be retained by Reclamation for consideration in the next fiscal year if the applicant agrees. Reclamation will contact applicants should this circumstance arise to discuss available options.

For additional information, please visit <https://www.usbr.gov/native/> or contact Kelly Titensor at ktitensor@usbr.gov.

U.S. EPA Air Grants and Funding:

EPA's Office of Air and Radiation (OAR) announces competitive funding announcements for projects and programs relating to [air quality](#), [transportation](#), [climate change](#), [indoor air](#) and other related topics. [This page](#) provides access to information about current funding opportunities under 'Open Announcements' and also provides as a reference tool, all previously announced funding announcements listed below and in archives under 'Closed Announcements.'

Climate Change/Energy

Toxics/Mobile Sources

2017 Tribal Request for Proposals (RFP) Diesel Emissions Reduction Program (DERA) now open!

We are excited to announce a funding opportunity for tribal governments and Alaska native villages. EPA's Office of Transportation and Air Quality is soliciting proposals nationwide for tribal projects that achieve significant reductions in diesel emissions in terms of tons of pollution produced by diesel engines and diesel emissions exposure, particularly from fleets located in areas designated as having poor air quality. EPA anticipates awarding \$1.5 million in DERA grant funding under this announcement.

Important dates

Thursday, October 5, 2017	RFP Opens
Thursday, November 9, 2-3:30 pm (ET)	<u>Webinar #2</u> Dial-In - 866-299-3188; Passcode 3439147#
Thursday, January 18, 2018; 11:59 pm (ET)	RFP Closes – Proposals Due
Spring 2018	Anticipated Notification of Selection
Spring/Summer 2018	Anticipated Award

Eligible Entities

Eligible entities include tribal governments (or intertribal consortia) and Alaska native villages which have jurisdiction over transportation or air quality.

Eligible Vehicles and Technologies

Eligible diesel vehicles, engines and equipment may include buses, Class 5 – Class 8 heavy-duty highway vehicles, marine engines, locomotives and nonroad engines, equipment or vehicles used in construction, handling of cargo (including at a port or airport), agriculture, mining or energy production (including stationary generators and pumps).

Eligible diesel emission reduction solutions include EPA or California Air Resources Board verified emission control technologies such as exhaust controls, cleaner fuels, and engine upgrades, idle reduction technologies, aerodynamic technologies and low rolling resistance tires, certified engine repowers, clean alternative fuel conversion kits, and/or certified vehicle or equipment replacement.

Additional Resources

For detailed information on eligibility and application requirements, please review the 2017 Tribal Request for Proposals (RFP) on the following webpage:

www.epa.gov/cleandiesel/clean-diesel-tribal-grants.

For questions, please contact:

Lucita Valiere DERA Tribal Lead EPA Region 10 Phone: 206-553-8087 Email: valiere.lucita@epa.gov

Request for Nominations (RFN) for the 2017 Round of the Alternative Fuel Corridor Designation process has been issued by the Federal Highway Administration (FHWA)

This RFN was issued directly to the FHWA Division Offices, which are located in each state, who in turn will forward it to their respective State departments of transportation (DOT) and metropolitan planning organizations to streamline the process.

The 2017 RFN includes infrastructure coverage criteria for each fuel type, information to be included in the nomination (narrative and technical), points of contact, and direction on submittals. Some items of note and changes from the initial round of nominations:

1. The due date for ALL nominations is **COB November 30, 2017**.
2. Instructions on how/where to submit your designation proposal are contained in the RFN.
3. The RFN requires more corridor/station specific information to be included in the nomination proposal, such as station addresses, first and last fueling station on the corridor, distances between stations, connector type for EVSE, and corridor map.
4. Provides ability to nominate new corridors or add fuel types to existing corridors from the initial round
5. Focus is on Interstate highways but allows for a compelling case to be made for other roads/routes
6. Requires a description of the plan for signage on the corridor
7. GIS shapefiles required
8. Only DCFC sites will be considered for EV Corridors this round (i.e. no Level 2 sites)

A webinar will be scheduled in the near future to provide information on the nomination to stakeholders and answer questions. In addition, a set of Frequently Asked Questions will be developed and will be posted on the AFC Web site in the next several weeks.

Additional information on the Alt Fuel Corridor Designation process can be found at:

https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/nominations/index.cfm

Indoor Air Quality

The Tribal Healthy Homes Network (THHN) has a webpage dedicated to Funding Opportunities! Additionally, THHN has developed a Funding Guide for American Indian and Alaska Native Communities.

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Most Recent Listing: EPA Rules from the Federal Register

EPA Rules posted today from the Federal Register for Wednesday, November 8, 2017. (Past copies can be accessed here).

Rule

Oil and Natural Gas Sector:

Emission Standards for New, Reconstructed, and Modified Sources: Stay of Certain Requirements

FR Document: 2017-24344 Citation: 82 FR 51788 PDF Pages 51788-51794 (7 pages) Permalink

Emission Standards for New, Reconstructed, and Modified Sources: Three Month Stay of Certain Requirements

FR Document: 2017-24341 Citation: 82 FR 51794 PDF Pages 51794-51800 (7 pages) Permalink

Repeal of Carbon Pollution Emission Guidelines for Existing Stationary Sources: Electric Utility Generating Units

FR Document: 2017-24216 Citation: 82 FR 51787 PDF Pages 51787-51788 (2 pages) Permalink

Notice

Agency Information Collection Activities; Proposals, Submissions, and Approvals:

Implementation of 2008 Ozone National Ambient Air Quality Standards for Ozone; State Implementation Plan Requirements

FR Document: [2017-24339](#) Citation: 82 FR 51829 [PDF](#) Pages 51829-51831 (3 pages) [Permalink](#)

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To: NTAA@LISTS.NAU.EDU[NTAA@LISTS.NAU.EDU]
From: NTAA
Sent: Wed 11/30/2016 4:26:51 PM
Subject: NTAA Weekly Update, November 30, 2016



National Tribal Air Association

NTAA Weekly Update

*Week of November 28th –
December 2nd, 2016*

If you have difficulty reading this email, click here to view it online.

TOP STORIES

Welcome to the newest NTAA member Tribes, the Tulalip Tribes in Region 10 as well as the Nulato Tribal Council and the Wrangell Cooperative Association in Alaska. Their combined memberships bring NTAA's total membership roster of NTAA Member Tribes to 115! [Click here](#) to see the updated membership list and [click here](#) if your Tribe wishes to join NTAA!

CNN - [Standing Rock Sioux Tribe member on protests: 'We are in for the long haul'](#)

Farmington Daily Times - [Tribe and BLM assess impact of exploration](#)

HEADLINES

Ambient Air Quality/EPA/NTAA/Tribes

PBS Newshour - Army Corps issues eviction notice to Standing Rock protest camp, tribe chairman says

Indian Country Today - After A Month of Conflict, Mass Media Arrives in Force at Standing Rock

Greenwire - Trump meets with prospects for top EPA job

Indian Country Today - Bringing Back the Bavi: Gila River Farmers Focus on Traditional Crops

Public News Service - Faith Groups Send Letter Praising BLM Methane Limits

Bloomberg News - These Devices Will Eat the Smog Trump Stokes With His Coal Boom

AP – Alaska Biologists Research Mystery of Declining Caribou Herd

EPA - EPA, BIA, and Choctaw Nation Celebrate Safer Drinking Water at Jones Academy

National Association of Clean Air Agencies - Washington Update

Climate Change/Energy

Washington Post - Burning less coal isn't just making air cleaner. It's

making your tuna safer

Washington Post - The raging wildfires in the Southeast could be a glimpse of what's to come

Climate Central - Threatened Nations Aim for 100 Percent Renewables

Mayors National Climate Action Agenda – An Open Letter to President-elect Donald J Trump on Climate Action

New York Times - Justin Trudeau Approves Oil Pipeline Expansion in Canada

Christian Science Monitor - Unchecked Arctic melting: How some communities are starting to adapt

Toxics/Mobile Sources

KNAU - Artists Invited to Navajo Nation to Witness Uranium's Effects

The Hill - GAO: Ethanol mandate unlikely to hit climate target

The Hill - Supreme Court asks DOJ to weigh in on mine spill lawsuit

The Detroit News - VW will no longer sell diesels in U.S., CEO says

Photo from the field

New York Times - Veterans to Serve as 'Human Shields' for Dakota Pipeline Protesters



Loreal Black Shawl on the Veterans Bridge in Mandan, N.D., in August. Photo Credit: Loreal Black Shawl.

Ms. Black Shawl, 39, of Rio Rancho, N.M., is a descendant of two Native American tribes, the Oglala Lakota and Northern Arapaho. She served in the Army for nearly eight years, finishing her career as a sergeant.

“O.K., are you going to treat us veterans who have served our country in the same way as you have those water protectors?” Ms. Black Shawl said, referring to the protesters. “We’re not there to create chaos. We are there because we are tired of seeing the water protectors being treated as non-humans.”

UPCOMING CALLS/EVENTS

Ambient Air Quality/EPA/NTAA

EPA’s Region 9 Final Tribal Pollinator Protection Template Review

The Region 9 Pesticides Office is hosting a conference call to discuss the Final Tribal Pollinator Protection Template Review

Thursday December 1st, 2016 from 9:30-11:00am San Francisco time.

Dial-In Number: (866) 299-3188 with Conference Code: 8433117

We would appreciate you forwarding this invitation to any tribes who are interested in developing a pollinator protection plan in Region 9. If there are any questions, please feel free to contact Sonam Gill, the Region 9 Pollinator Protection contact at 415-972-3380 or gill.sonam@epa.gov.

On Monday, November 28, 2016, the EPA Administrator signed a notice granting reconsideration and proposing action on issues raised in petitions on the final air toxics standards for phosphoric acid manufacturing and phosphate fertilizer production including:

- Changing the compliance deadline from August 19, 2015 to August 19, 2017 for low-energy absorbers monitoring requirements
- Alternative monitoring procedures for low-energy absorbers; and
- Changing the compliance deadline from August 19, 2016, to August 19, 2018, for oxidation reactors.

These modifications would allow sources the time needed to design and install controls.

A prepublication of the notice and a summary fact sheet will be posted at: <https://www.epa.gov/stationary-sources-air-pollution/phosphate-fertilizer-production-plants-and-phosphoric-acid> today.

Greetings from the Tribal Air Monitoring Support (TAMS)

Center Steering Committee. As a Steering Committee comprised of Tribal environmental representatives from different regions of the country, we are announcing the TAMS Center Technical Needs Assessment to aid the TAMS Center to better understand the air quality technical support needs and priorities of Tribes. The link to the online questionnaire form is at <http://www7.nau.edu/itep/main/tamsNA/>.

The Technical Needs Assessment will be open until March 10, 2017. The Steering Committee plans on providing the results of the Technical Needs Assessment at the 2017 National Tribal Forum.

U.S. EPA Webinar: Proposed rule: Implementation of the 2015 National Ambient Air Quality Standards (NAAQS) for Ozone: Nonattainment Area Classifications and State Implementation Plan Requirements on Wednesday, December 7, 2016 at 2:00 – 3:30 PM Eastern Time; Link to Join Webinar:

<https://epawebconferencing.acms.com/nonattainment-sip>

Description: On November 2, 2016, EPA proposed requirements that would apply to state, local, and tribal air agencies for implementing the 2015 NAAQS for ground-level ozone. The EPA revised both the health-based and welfare-based standards for ozone on October 1, 2015. This proposed action largely retains and updates the implementing regulations that apply for the 2008 ozone NAAQS, for purposes of the 2015 ozone standards, which creates stability in the planning process. This action also proposes two options for revoking the 2008 ozone NAAQS. The EPA is also seeking comment on a number of additional topics, including: (1) managing emissions from wildfires and wildland prescribed fires; (2) transportation conformity and general conformity; (3) contingency measures; (4) international transport and background ozone; and (5) additional policies for achieving emissions reductions. This webinar is intended to provide highlights of the proposed rule and address clarifying questions. To download a copy of the proposed rule or for more information go to <https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state>.

U.S. EPA Announced an Extension of Public Comment Period for the Draft General Permit under the Clean Air Act Federal Indian Country Minor New Source Review Program – Gasoline Dispensing Facilities

Extension of Comment Period: On September 30, 2016, the United States Environmental Protection Agency (EPA) provided notice of, and requested public comment on, the EPA's draft general permit for gasoline dispensing facilities for use in Indian country within California pursuant to the Clean Air Act (CAA) Federal Indian Country Minor New Source Review

(NSR) program for new and modified minor sources at 40 CFR 49.151 through 49.161.

The EPA is extending the deadline for submitting comments on this action until January 31, 2017. Any person may submit written comments on the draft permit during the public comment period. These comments must raise any reasonably ascertainable issue with supporting arguments by the close of the public comment period. All written comments on the draft general permit must be received or postmarked by January 31, 2017. Comments must be sent or delivered in writing to Lisa Beckham at one of the following addresses: E-mail: R9airpermits@epa.gov. Online Docket: www.regulations.gov, Docket ID: EPA-R09-OAR-2016-0580. Send U.S. Mail to Lisa Beckham (AIR-3) U.S. EPA Region 9, 75 Hawthorne Street, San Francisco, CA 94105-3901

States' Ozone NAAQS Designation Recommendations Posted on EPA Website (November 9, 2016) – EPA has made available on its website the recommendations submitted by states and some tribes for area attainment and nonattainment designations under the 2015 National Ambient Air Quality Standard (NAAQS) for ozone. EPA promulgated the eight-hour ozone NAAQS of 70 parts per billion (ppb) on October 26, 2015, replacing the previous standard of 75 ppb. States were required to submit their area designation recommendations by October 2016. The recommendations are based on air quality data collected from 2013 to 2015. EPA will issue its final area designations by October 1, 2017. For further information: <https://www.epa.gov/ozone-designations/ozone-designationsregulatory-actions>

HOST SITES NEEDED FOR SUMMER INTERNSHIP PROGRAM - The Institute for Tribal Environmental Professionals – Environmental Education Outreach Program at Northern Arizona University in Flagstaff, Arizona is seeking air quality focused offices and programs to host a college student for an 8-week summer internship. Tribal environmental offices, EPA offices, and other tribal environmental organizations are encouraged to apply. The interns will be highly motivated undergraduate or graduate students majoring in environmental or related careers from different colleges and universities nationwide. ITEP provides

each student intern with a \$4,000 stipend, and limited housing and travel allowances. The host site provides a work place and supervision for the intern. The projects MUST focus on addressing air quality issues in tribal communities. Submit an application [online here](#). **Deadline: Apply by January 20, 2017.** For detailed information on the internship and requirements, visit our [internship web-site](#). For more information, contact ITEP Intern Coordinator at EEOP-INTERN@nau.edu.

Join us for a webinar on the new Tribal Data Roadmap! Recently released by the US EPA's Office of Water, and also the first, tribal specific, E-Enterprise for the Environment project, the Tribal Data Roadmap was developed to help tribes navigate the steps needed to manage and submit water quality data via the Water Quality eXchange. (WQX). The webinar will describe how the Roadmap was originally conceived, developed and refined through collaboration with tribes, and will walk users through an example scenario using the Roadmap. Time will also be provided for Q & A at the end of the presentation.

Webinar Date: Thursday December 8, 2016 at 12 pm EST. To participate, [register here first](#) (call-in information will be provided after registering).

U.S. EPA's Science to Achieve Results (STAR) Webinar Series: Black Carbon

Friday, Dec. 9, 12 – 1:30 p.m. EST

[Click here to register for the webinar \(Registration is FREE!\):](#)

Black carbon is the sooty material emitted from combustion processes, and it can affect human health and the climate. Its role in the atmosphere is broad and complex. In 2010, the U.S. Environmental Protection Agency's (EPA) STAR program awarded ten grants to universities and organizations to address [Black Carbon's Role in Global to Local Scale Climate and Air Quality](#). Grantees focused on various black carbon research issues, such as better accounting for emissions and uncertainty, tracking how black carbon "ages" or reacts in the atmosphere, and better representing its ability to impact cloud droplet formation.

Highlights from the research findings will be summarized in this four-part webinar series.

For more information, contact [Sherri Hunt \(hunt.sherri@epa.gov\)](mailto:hunt.sherri@epa.gov); 202-564-4486

The Institute for Tribal Environmental Professionals' (ITEP's) [Tribes and Climate Change Calendar](#) includes conferences, trainings, webinars and other events related to tribes and climate change. [Click here](#) for ITEP's other trainings and events. [Click here](#) for ITEP's new Tribal Environmental Management and Planning Online Courses. New courses have been added, so check it out!

ITEP's 2016 AIAQTP Course Schedule

ITEP's American Indian Air Quality Training Program Course Calendar:

Course Title	Dates	Location
2016		
Air Quality and IAQ in Alaska	December 6-9	Kotzebue, AK
2017		
Air Quality Computations	January 24-27	Phoenix, AZ
Indoor Air Quality (IAQ) Diagnostic Tools (for lower 48)	February 7-10	TAMS Center, Las Vegas, NV
Air Quality and IAQ in Alaska	March 7-10	Koyukuk, AK
Air Pollution Technology	March 13-17	Flagstaff, AZ
Fundamentals of Air Monitoring (for lower 48)	April 4-6	TAMS Center, Las Vegas, NV
Management of Tribal Air Programs and Grants	TBD	TBD
Introduction to Tribal Air Quality	June 6-9	Flagstaff, AZ
Quality Assurance (QA) Fundamentals	Open	Online
Building Performance: Improving Energy Efficiency & IAQ in Alaska	Open	Online
Radon Fundamentals	Open	Online
Emissions Inventory - Fundamentals	2017	Online

Emissions Inventory - Advanced	2017	Online
Disaster Planning for Air Quality	2017	Online

Note: This schedule is subject to change. [Click here](#) for up-to-date information, course descriptions, and applications. If you have questions regarding the pre-requisites or your eligibility for this course, please contact Patricia Ellsworth, Air Quality Curriculum Coordinator, at Patricia.Ellsworth@nau.edu or phone 928-523-6721. For more information, please visit [ITEP's website](#).

U.S. EPA/NTAA Air Policy Update Call – Thursday, January 26th, 2016 at 2:00 pm ET. To participate, please send your request to andy.bessler@nau.edu.

Toxics/Mobile Sources

The NTAA VW Settlement Work Group call will be holding a monthly update call on Thursday, December 8th at 3 pm ET to provide updates on the VW Settlement to settle Clean Air Act violations. To join the work group and the call, please contact NTAA Project Director, Andy Bessler at andy.bessler@nau.edu.

There is an upcoming webinar on **Cooperative Agreements for Tribes working on Superfund sites**. Below please find the information on how to register for this webinar, which will be taking place December 7, 2016.

[Please register for Tribal Superfund Working Group webinar here](#) on Dec 7, 2016 11:00 AM PST at:

This webinar will be focused on Cooperative Agreements available to Tribes working on Superfund sites. Our presenters will be Christine Poore and Rafael Casanova from the USEPA. This is going to be the first of two webinars on this subject. We'll be holding the second one – which will feature tribal professionals who have worked with various types of

Cooperative Agreements – in January. This webinar is going to focus on the nuts and bolts of Cooperative Agreements and will be of great interest to all of you working on Superfund sites. We look forward to having you join us on December 7.

After registering, you will receive a confirmation email containing information about joining the webinar. For any questions, please contact Todd Barnell, Program Manager (todd.barnell@nau.edu) or Julie Jurkowski, Program Coordinator Senior (julie.jurkowski@nau.edu)

Indoor Air Quality

NTAA's Indoor Air Quality Work Group will hold its next call on Thursday, January 12th at 2 pm ET. To join the work group or the call, please contact NTAA Project Director Andy Bessler at andy.bessler@nau.edu.

NTAA has re-opened the Indoor Air Quality (IAQ) Needs Assessment for Indian Country! The NTAA IAQ Work Group has re-opened the IAQ Needs Assessment in hopes that more Tribes will complete the [on-line form found here](#)! In re-opening the IAQ needs assessment, NTAA hopes Tribes who have not previously completed this online form will do so now thus helping Tribal and Federal governmental leaders understand the extent of IAQ needs in Tribal communities. The IAQ Needs Assessment will remain open until **January 30th, 2017**. Please allow at least an hour to complete the IAQ Needs Assessment. For more information on the NTAA IAQ work group that created this needs assessment, please visit NTAA's [website here](#).

Please allocate at least 60 minutes to answer all the questions. When you are finished, simply click on the "submit" button at the end of the survey to ensure your answers are properly counted.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:

Codetalk Homepage:

- National Tribal Air Association (NTAA) has re-opened the NTAA National Indoor Air Quality (IAQ) Needs Assessment for Indian Country
Reminder

RESOURCES

Now Hiring!

The Idaho Department of Environmental Quality is hiring for the position of Air Quality Program Manager, Analyst 4.

Open for Recruitment: September 6, 2016 - Open until further notice
Announcement # 07046012634

Salary Range: \$24.33 - \$30.27 -Plus Competitive Benefits!

Location(s): Lewiston, ID

The Lewiston Regional Office is hiring an Air Quality Program Manager to implement regional air quality protection programs and regional remediation programs. For more information, [click here](#).

The Tolowa Dee-ni' Nation (formerly Smith River Rancheria) will be accepting applications for the position of Natural Resources Director starting on October 17, 2016.

Applications will be accepted until the position is filled. Would like someone experienced with Tribal governments and EPA Programs. The [Application Link can be found here](#).

The Upper Snake River Tribes is hiring for the position of Environmental Program Director.

Salary is equivalent to a GS-9/11 pay grade, dependent upon experience. Full medical and dental coverage is provided. Generous life insurance and retirement (401k) benefits package. The Environmental Program Director will serve as the lead point person on environmental issues for the USRT Foundation. The Environmental Program Director is responsible for carrying out the environmental policy directives of the member tribes and reports directly to the USRT Executive Director, with assurance to program quality and accountability to advance the long term goals for the USRT Foundation and member tribes.

How to Apply

Candidates should submit: 1) cover letter outlining their related experience, 2) resume, and 3) contact information for three professional references. Materials may be e-mailed to info@usrtf.org or via mail to:

USRT Foundation

Environmental Program Director Search

413 W. Idaho Street, Suite 101

Boise, ID 83702

Review of applications begins November 4, 2016 and will remain open until filled. Contact info@usrtf.org with additional questions.

Ambient Air Quality/EPA/NTAA

The EROS (Ecological Responses and Outreach Subcommittee) of the National Atmospheric Deposition Program has just published a brand new educational booklet on Nitrogen Deposition: where it comes from, what it does to ecosystems, how it is measured, and information about the NADP. It is intended for general audiences, probably starting at about 8th grade. [Click here for a copy.](#)

EPA's Public Engagement Highlights is a weekly e-newsletter produced by EPA's Office of Public Engagement which summarizes some of the latest important Agency actions. It's where you can learn about various ways you can engage with EPA and find the Agency's latest blog posts, videos, and additional resources.

Signing up for the e-newsletter is easy! Just visit the [EPA Public Engagement Highlights](#) website where the most recent editions are available and enter your email in the e-newsletter sign up box located on the upper right. The resulting New Subscriber page will list all available EPA Topics, with "Public Engagement Highlights Newsletter" checked towards the bottom of the page. When setting up your profile, you can select additional subscription topics offered by EPA. You can always unsubscribe at any time.

Climate Change/Energy

ITEP's Tribal Climate Change Newsletter: This monthly newsletter provides news items, resources, announcements about funding opportunities, conferences, and training, and other information relevant to tribal climate change issues.

Article: [Forest Adaptation Resources: Climate Change Tools and Approaches for Land Managers, 2nd Edition](#)

Forests across the United States are expected to undergo numerous changes in response to the changing climate. This second edition of the Forest Adaptation Resources provides a collection of resources designed to help forest managers incorporate climate change considerations into management and devise adaptation tactics.

Book: [This Changes Everything](#)

Author Naomi Klein, tackles the most profound threat humanity has ever

faced: the war our economic model is waging against life on earth. Klein exposes the myths that are clouding the climate debate. We have been told the market will save us, when in fact the addiction to profit and growth is digging us in deeper every day.

Climate Change Adaptation: Traditional Knowledge of Indigenous Peoples Inhabiting the Arctic and Far North (UNESCO)

This website has been developed by the UNESCO Institute for Information Technologies in Education within a project “A Networked System of Open Indigenous Knowledge Resources for Climate Change Mitigation and Adaptation in Polar Regions” funded by the UNESCO Intersectoral Platform “UNESCO’s contribution to climate change mitigation and adaptation”. It contains multimedia modules with interdisciplinary complex of indigenous knowledge related to mitigation and adaptation to environmental changes in the regions that have similar climate and face similar environmental problems in the Far North of Russia.

Video: Climate Change and Your Health (Western North Carolina Public Radio)

WCQS’s Helen Chickering talks with a physician who is spending the second half of his career as a climate change health advocate and a local research scientist who studies the impact of climate change on public health and co-authored the first comprehensive scientific report assessing the health effects of climate change in the U.S. 2min 10sec.

Video: Red Power Energy

Tribal lands are the microcosm of today’s controversial energy debate. Between the fears that fossil fuels cause climate change and the hope that renewable energy can save the planet, lies the complex reality of American Indian reservations grappling with the balance of culture verse progress, poverty verse new-found wealth, and the fate of the environment. Uniquely intimate, provocative and told from the Native perspective, with a nearly all-Native film crew and all-Native Advisory Council, Red Power Energy is a multi-media documentary that combines engaging storytelling with in-depth journalism. Featured are Western and Great Plains American Indian tribes in North Dakota, South Dakota, Montana, Wyoming and Colorado.

Indoor Air Quality

On August 31st, 2016, the National Tribal Air Association endorsed and now supports the National Radon Action Plan. NTAA joins the American Lung Association, EPA and many others to work to reduce radon risk in 5 million homes and saving 3,200 lives annually by 2020. [Click here to learn more about the National Radon Action Plan](#) and be sure to use NTAA's template form to submit your own Tribe's endorsement of the National Radon Action Plan.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:

[Codetalk Homepage:](#)

FUNDING OPPORTUNITIES

Ambient Air Quality/EPA/NTAA

The Alaska Native Tribal Health Consortium (ANTHC) announces the FY2017 ANTHC Air Quality Sub-Award Request for Proposals (RFP). Please submit your completed Sub-Award applications to either AJ Salkoski (ajsalkoski@anthc.org) or Lacey Walsh (lmwalsh@anthc.org). Applications can also be submitted via fax at (907) 729-4044 c/o AJ Salkoski.

These grants are competitive and unfortunately not everyone who applies will be awarded. If you have any questions about grant ideas, eligibility, or need additional information, please do not hesitate to contact Lacey Walsh at (907) 729-5609 or AJ Salkoski at (907) 729-4518. For more information, visit the [ANTHC Tribal Air Quality Program](#).

U.S. EPA Air Grants and Funding:

EPA's Office of Air and Radiation (OAR) announces competitive funding announcements for projects and programs relating to air quality, transportation, climate change, indoor air and other related topics. Organizations that can apply (eligible entities) are typically based on the funding announcements' authorizing statute and catalog of federal domestic assistance (CFDA). **This page** provides access to information about current funding opportunities under 'Open Announcements' and also provides as a reference tool, all previously announced funding announcements listed below and in archives under 'Closed Announcements'.

More than \$889 million in funding and technical assistance is available for state, local, and tribal governments from the Department of Transportation (DOT), Environmental Protection Agency (EPA), Department of Energy (DOE), Federal Transportation Authority (FTA), Federal Emergency Management Authority (FEMA), Center for Disease Control (CDC), Fish and Wildlife Service (FWS), and Bureau of Indian Affairs (BIA) that can be used to support climate and energy initiatives, including economic development, sustainable communities, green infrastructure, and water efficiency. For full eligibility and application details, please visit the links provided below. **In addition, please visit the calendar of 2016 EPA grant opportunities that may be of particular interest to Tribal communities.**

Climate Change/Energy

U.S. EPA's State and Local Climate and Energy Newsletter includes a calendar of 2016 EPA grant opportunities that may be of particular interest to Tribal communities.

DOE Makes Up to \$6 Million Available to Deploy Energy Efficiency and Clean Energy on Indian Lands

DOE expects to make approximately \$4 million to \$6 million of federal funding available for new awards under this funding opportunity announcement (FOA), subject to the availability of appropriated funds. The actual level of funding, if any, depends on congressional appropriations. DOE anticipates making approximately 6 to 10 awards under this FOA. On November 14, during the U.S. Department of Energy (DOE) Office of Indian Energy Program Review, Office Director Chris Deschene announced a new funding opportunity to install energy efficiency measures and deploy clean energy systems on Indian lands.

The application deadline is Feb. 7, 2017. [Learn more and apply.](#)
Informational Webinar

The Office of Indian Energy will host an informational webinar on **Dec. 1, 2016, at 1 p.m. Mountain Standard Time (MST)**, to provide potential applicants with information on the FOA. In addition to describing the FOA in detail, presenters will discuss who is eligible to apply, what an application needs to include, cost share and other requirements, how to ask questions, and how applications will be selected for funding. If you are unable to attend the webinar, it will be recorded and posted for later viewing.

[Register for the webinar.](#)

The DOE's Solar in Your Community Challenge offers \$5 million in cash prizes and technical assistance to improve solar electricity access to underserve communities across the country!

To spread the word to our communities and stakeholders, the DOE is hosting a webinar specifically for these communities in mind! The webinar will explain how the competition works and how communities with environmental justice concerns can participate. Informational Webinar on Thursday December 1st at 2PM EST. Register for the [webinar here](#): Learn more about the [Solar in Your Community Challenge here](#).

Please share this information with communities, state, local and tribal governments, and nonprofit organizations that may be interested in participating in this incredible opportunity.

USDA Seeks Applications for Loans and Grants that Support Renewable Energy, Energy Efficiency, and Conservation Innovation

The U.S. Department of Agriculture (USDA) has announced two energy- and conservation-related funding opportunities for which tribes may be eligible to apply.

USDA is encouraging rural small businesses and agricultural producers to apply for loans and grants to support renewable energy and energy efficiency projects through its Rural Energy for America Program (REAP). Applications are currently being accepted for: 1) energy audit and renewable energy development assistance grants, and 2) renewable energy system and energy efficiency guaranteed loans and grants.

The application deadline for energy audit and renewable energy development assistance grants is Jan. 31, 2017. Applications for renewable energy system and energy efficiency grants, all combination grants, and guaranteed loans are due by March 31, 2017. More information, including a link to application materials and submission procedures, can be found on the [USDA website](#).

New Energy Efficiency Competition to Assist Remote Alaskan Communities with Energy Challenges

The U.S. Department of Energy's (DOE's) Office of Indian Energy and Office of Energy Efficiency and Renewable Energy (EERE) issued a Notice of Technical Assistance (NOTA) to significantly accelerate efforts by remote Alaskan communities to adopt sustainable energy strategies. The Remote Alaskan Communities Energy Efficiency Competition will empower Alaskan communities and Alaska Native villages to develop effective tools to advance the use of reliable, affordable, and energy efficient solutions that are replicable throughout Alaska and other Arctic regions. [Learn more about the competition and how to apply.](#)

USDA: The FY 2016 Agriculture and Food Research Initiative (AFRI) Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area Request for Application (RFA) is now

available for public viewing. Please review the links below and verify the information is accurate. Please let me know if you have questions or concerns.

NIFA Funding Opportunity Page: <https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-agriculture-and-natural-resources>.

Grants.gov Page: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=285990>. This page includes a synopsis of the funding opportunity, a link to the full announcement (RFA) and the application package.

FY 17 Farm to School Grant Program (USDA)

The Healthy, Hunger-Free Kids Act of 2010 (HHFKA) amended Section 18 of the Richard B. Russell National School Lunch Act (NSLA) to establish a Farm to School Program in order to assist eligible entities, through grants and technical assistance, in implementing farm to school programs that improve access to local foods in eligible schools. To fulfill the farm to school mandate in the HHFKA, \$5 million is provided to the USDA on an annual basis to support grants, technical assistance, and the Federal administrative costs related to USDA's Farm to School Program. Eligibility includes Indian tribal organizations and schools. Funding opportunity #USDA-FNS-F2S-2017. Deadline: 12/08/16.

2017 Saltonstall-Kennedy Competitive Research Program (Dept. of Commerce)

The objective of the S-K Grant Program is to address the needs of the fisheries and fishing communities in optimizing economic benefits by building and maintaining sustainable fisheries and practices, dealing with the impacts of conservation and management measures, and increasing other opportunities to use existing infrastructure to support keeping working waterfronts viable. Proposals submitted to this competition must address at least one of the following priorities: Marine Aquaculture; Fisheries Data Collection; Techniques for Reducing Bycatch and other Adverse Impacts; Adapting to Climate Change and Other Long Term Ecosystem Change; Promotion, Development and Marketing; Socio-Economic Research; and Territorial Science. Eligibility includes Indian tribes. Funding opportunity # NOAA-NMFS-FHQ-2017-2004980. Deadline: 12/09/16.

FY17 Guidelines for Brownfields Cleanup Grants (EPA)

EPA's Brownfields Program provides funds to empower states, communities, tribes, and nonprofits to prevent, inventory, assess, clean up, and reuse brownfield sites. Under these guidelines, EPA is seeking proposals for Cleanup Grants only. Eligibility includes Indian tribe other than in Alaska (per CERCLA104 (k) (1). Deadline: 12/20/16.

WaterSMART: Development of Feasibility Studies under the Title XVI Water Reclamation and Reuse Program (FY) 2017 (BOR)

The objective of this FOA is to invite applicants to cost share the development of new water reuse feasibility studies. Water reclamation and reuse projects provide growing communities with new sources of clean water while promoting water and energy efficiency and environmental stewardship. Eligibility includes Indian tribes or tribal organizations. Funding opportunity #BOR-DO-17-F003. Deadline: 01/05/16.

FY17 Coral Reef Conservation Program, Domestic Coral Reef Conservation Grants (NOS, NOAA, Department of Commerce)

This funding opportunity is soliciting applications intended to support coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths, in American Samoa, the Commonwealth of the Northern Mariana Islands, Florida, Guam, Hawaii, Puerto Rico, the U.S. Virgin Islands, and coral-dominated banks in the U.S. portions of the Gulf of Mexico. Eligibility includes federally recognized Indian tribal governments. Funding opportunity # NOAA-NOS-OCM-2017-2005011. Deadline: 01/11/17.

FY 2017 National Climate Change & Wildlife Center Program (Geological Survey)

This program was created to ensure that the National Climate Change and Wildlife Science Center is responsive to the research and management needs of Federal and State agencies to provide science and technical support regarding the impacts of climate change in fish, wildlife, plants and ecological processes. National coordination of research and modeling at regional centers will ensure uniformity of downscaling and forecasting models and standardized information to support management of fish and wildlife resources and regional partnership collaborations. The CSC's will provide access to the expertise at cooperating universities and supports the mission of the program. Eligibility: Unrestricted. Funding opportunity # G16AS00129. Deadline: 01/12/17.

NOAA Climate Program Office FY2017 - Understanding Climate Impacts on Fish Stocks and Fisheries to Inform Sustainable Management (Dept. of Commerce)

The goal is to inform sustainable fisheries management and promote resilience of the nation's fish stocks and fisheries in a changing climate. For FY17, this OAR/NMFS partnership, through the Coastal and Ocean Climate Applications (COCA) Program, will continue to take a regional approach to improving the resilience and adaptation of fisheries in a changing climate by soliciting proposals under two competitions. Eligibility includes Indian tribal governments. Funding opportunity # OAA-OAR-CPO-2017-2004998. Deadline: 01/30/17.

Indoor Air Quality

U.S. HUD - HUD recipients can request technical assistance on basically any subject, as long as is it related to NAHASDA. The requests come in to the ONAP Area Office, which typically considers whether the tribe has any other TA needs, and then assembles a TA request package for HQ to consider. From what I have been able to gather, training on indoor air issues has never been requested - but it could be. ONAP has contracts with certain TA providers for these TA requests. Those TA providers may subcontract as needed. The link below names the TA providers and discusses the process. A link to the ONAP CodeTalk website is provided below in case you are interested in getting a better feel for ONAP's Area Office structure. TA process:

<http://portal.hud.gov/hudportal/documents/huddoc?id=onaptaannouce.pdf>

CodeTalk:

http://portal.hud.gov/hudportal/HUD?src=/program_offices/public_indian_housing/ih

Most Recent Listing: EPA Rules from the Federal Register

Contents of the Federal Register for Wednesday, November 30, 2016

(Past copies can be accessed [here](#)).

Rule

Greenhouse Gas Reporting:

Leak Detection Methodology Revisions and Confidentiality Determinations for Petroleum and Natural Gas Systems

FR Document: [2016-27981](#) Citation: 81 FR 86490 [PDF](#) Pages 86490-86519 (30 pages) [Permalink](#)

Proposed Rule

Pesticide Petitions:

Residues of Pesticide Chemicals in or on Various Commodities

FR Document: [2016-28738](#) Citation: 81 FR 86312 [PDF](#) Pages 86312-86314 (3 pages) [Permalink](#)

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Andy Bessler

Project Director



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To: Angela Benedict (angela.benedict@srmt-nsn.gov)[angela.benedict@srmt-nsn.gov]; Bill.Thompson@Penobscotnation.org[Bill.Thompson@Penobscotnation.org]; Billie Toledo[billietoledo@pbbnation.org]; air@lldrm.org[air@lldrm.org]; Brian Holter Jr. [brownfields@klawocktribe.org]; Carol Kriebs[carol.kriebs@sacfoxenviro.org]; Carolyn Kelly[ckelly@quinault.org]; CKreman@quapawtribe.com[CKreman@quapawtribe.com]; joywiecks@fdlrez.com[joywiecks@fdlrez.com]; greenleaf@kootenai.org[greenleaf@kootenai.org]; lweeks@nemont.net[lweeks@nemont.net]; Ex. 6
randya@cskt.org[randya@cskt.org]; Scott Hansen[Scott.hansen@catawbaindian.net]; sflensburg@bbna.com (sflensburg@bbna.com)[sflensburg@bbna.com]; Tiffany Janes[tjanes@pci-nsn.gov]; wilfred.nabahe@crit-nsn.gov[wilfred.nabahe@crit-nsn.gov]
Cc: Childers, Pat[Childers.Pat@epa.gov]; ITEP-T@LISTS.NAU.EDU[ITEP-T@LISTS.NAU.EDU]; Wilson, Erika[Wilson.Erika@epa.gov]; Jackson, Elizabeth[Jackson.Elizabeth@epa.gov]; Griffin, Chris[Griffin.Chris@epa.gov]; Farsi, Farshid[Farsi.Farshid@epa.gov]; Mckelvey, Laura[Mckelvey.Laura@epa.gov]; Colon, Toni[Colon.Toni@epa.gov]
From: Andy Bessler
Sent: Mon 11/28/2016 11:49:03 PM
Subject: Draft NTAA Weekly Update for your review and approval
[11.30.16NTAAWeeklyUpdate.docx](#)

Hello Everyone:

Please find the attached draft NTAA Weekly Update for your review and approval.

Feel free to send me any edits/feedback/additions by 8am on Wednesday, Nov. 30th and I will publish it shortly thereafter.

Thanks,

Andy

Andy Bessler

Project Director



National Tribal Air Association

P.O. Box 15004

Flagstaff, AZ 86011-5004

Office: **Ex. 6**

Cell:

Fax: 928-523-1266

www.ntaatribalair.org



National Tribal Air Association

NTAA Weekly Update

***Week of November 28th –
December 2nd, 2016***

If you have difficulty reading this email, click here to view it online.

TOP STORIES

Welcome to the newest NTAA member Tribes, the Tulalip Tribes in Region 10 as well as the Nulato Tribal Council and Evansville Tribal Council in Alaska. Their combined memberships bring NTAA's total membership roster of NTAA Member Tribes to 115! Click [here](#) to see the updated membership list and click if your Tribe wishes to join NTAA!

CNN - [Standing Rock Sioux Tribe member on protests: 'We are in for the long haul'](#)

Greenwire - [Trump meets with prospects for top EPA job](#)

HEADLINES

Ambient Air Quality/EPA/NTAA/Tribes

Farmington Daily Times - [Tribe and BLM assess impact of exploration](#)

PBS Newshour - [Army Corps issues eviction notice to Standing Rock protest camp, tribe chairman says](#)

Indian Country Today - [After A Month of Conflict, Mass Media Arrives in Force at Standing Rock](#)

Salon - [Why Donald Trump is going to have trouble dismantling the EPA](#)

Indian Country Today - [Bringing Back the Bavi: Gila River Farmers Focus on Traditional Crops](#)

Bloomberg News - [These Devices Will Eat the Smog Trump Stokes With His Coal Boom](#)

National Association of Clean Air Agencies - [Washington Update](#)

Climate Change/Energy

Climate Central - [Threatened Nations Aim for 100 Percent Renewables](#)

Mayors National Climate Action Agenda – [An Open Letter to President-elect Donald J Trump on Climate Action](#)

Christian Science Monitor - [Unchecked Arctic melting: How some communities are starting to adapt](#)

Toxics/Mobile Sources

KNAU - [Artists Invited to Navajo Nation to Witness Uranium's Effects](#)

The Hill - [GAO: Ethanol mandate unlikely to hit climate target](#)

The Hill - [Supreme Court asks DOJ to weigh in on mine spill lawsuit](#)

The Detroit News - [VW will no longer sell diesels in U.S., CEO says](#)

Photo from the field

UPCOMING CALLS/EVENTS

Ambient Air Quality/EPA/NTAA

Greetings from the Tribal Air Monitoring Support (TAMS) Center [Steering Committee](#). As a Steering Committee comprised of Tribal environmental representatives from different regions of the country, we are announcing the TAMS Center Technical Needs Assessment to aid the TAMS Center to better understand the air quality technical support needs and priorities of Tribes. The link to the online questionnaire form is at <http://www7.nau.edu/itep/main/tamsNA/>.

The Technical Needs Assessment will be open until March 10, 2017. The Steering Committee plans on providing the results of the Technical Needs Assessment at the 2017 National Tribal Forum.

U.S. EPA Webinar: Proposed rule: Implementation of the 2015 National Ambient Air Quality Standards (NAAQS) for Ozone: Nonattainment Area Classifications and State Implementation Plan Requirements on Wednesday, December 7, 2016 at 2:00 – 3:30 PM Eastern Time; Link to Join Webinar:

<https://epawebconferencing.acms.com/nonattainment-sip>

Description: On November 2, 2016, EPA proposed requirements that would apply to state, local, and tribal air agencies for implementing the 2015 NAAQS for ground-level ozone. The EPA revised both the health-based and welfare-based standards for ozone on October 1, 2015. This proposed action largely retains and updates the implementing regulations that apply for the 2008 ozone NAAQS, for purposes of the 2015 ozone standards, which creates stability in the planning process. This action also proposes two options for revoking the 2008 ozone NAAQS. The EPA is also seeking comment on a number of additional topics, including: (1) managing emissions from wildfires and wildland prescribed fires; (2) transportation conformity and general conformity; (3) contingency measures; (4) international transport and background ozone; and (5) additional policies for achieving emissions reductions. This webinar is intended to provide highlights of the proposed rule and address clarifying questions. To download a copy of the proposed rule or for more information go to <https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state>.

U.S. EPA Announced an Extension of Public Comment Period for the Draft General Permit under the Clean Air Act Federal Indian Country Minor New Source Review Program – Gasoline Dispensing Facilities

Extension of Comment Period: On September 30, 2016, the United States Environmental Protection Agency (EPA) provided notice of, and requested public comment on, the EPA's draft general permit for gasoline dispensing facilities for use in Indian country within California pursuant to the Clean Air Act (CAA) Federal Indian Country Minor New Source Review (NSR) program for new and modified minor sources at 40 CFR 49.151 through 49.161.

The EPA is extending the deadline for submitting comments on this action until January 31, 2017. Any person may submit written comments on the draft permit during the public comment period. These comments must raise any reasonably ascertainable issue with supporting arguments by the close of the public comment period. All written comments on the draft general permit must be

received or postmarked by January 31, 2017. Comments must be sent or delivered in writing to Lisa Beckham at one of the following addresses: E-mail: R9airpermits@epa.gov. Online Docket: www.regulations.gov, Docket ID: EPA-R09-OAR-2016-0580. Send U.S. Mail to Lisa Beckham (AIR-3) U.S. EPA Region 9, 75 Hawthorne Street, San Francisco, CA 94105-3901

States' Ozone NAAQS Designation Recommendations Posted on EPA Website (November 9, 2016) – EPA has made available on its website the recommendations submitted by states and some tribes for area attainment and nonattainment designations under the 2015 National Ambient Air Quality Standard (NAAQS) for ozone. EPA promulgated the eight-hour ozone NAAQS of 70 parts per billion (ppb) on October 26, 2015, replacing the previous standard of 75 ppb. States were required to submit their area designation recommendations by October 2016. The recommendations are based on air quality data collected from 2013 to 2015. EPA will issue its final area designations by October 1, 2017. For further information: <https://www.epa.gov/ozone-designations/ozone-designationsregulatory-actions>

HOST SITES NEEDED FOR SUMMER INTERNSHIP PROGRAM - The Institute for Tribal Environmental Professionals – Environmental Education Outreach Program at Northern Arizona University in Flagstaff, Arizona is seeking air quality focused offices and programs to host a college student for an 8-week summer internship. Tribal environmental offices, EPA offices, and other tribal environmental organizations are encouraged to apply. The interns will be highly motivated undergraduate or graduate students majoring in environmental or related careers from different colleges and universities nationwide. ITEP provides each student intern with a \$4,000 stipend, and limited housing and travel allowances. The host site provides a work place and supervision for the intern. The projects **MUST** focus on addressing air quality issues in tribal communities. Submit an application [online here](#). **Deadline: Apply by January 20, 2017.** For detailed information on the internship and requirements, visit our [internship web-site](#). For more information, contact ITEP Intern Coordinator at EEOP-INTERN@nau.edu.

Join us for a webinar on the new Tribal Data Roadmap! Recently released by the US EPA's Office of Water, and also the first, tribal specific, E-Enterprise for the Environment project, the Tribal Data Roadmap was developed to help tribes navigate the steps needed to manage and submit water quality data via the Water Quality eXchange. (WQX). The webinar will describe how the Roadmap was originally conceived, developed and refined through collaboration

with tribes, and will walk users through an example scenario using the Roadmap. Time will also be provided for Q & A at the end of the presentation.

Webinar Date: Thursday December 8, 2016 at 12 pm EST. To participate, [register here first](#) (call-in information will be provided after registering).

U.S. EPA's Science to Achieve Results (STAR) Webinar Series: Black Carbon Friday, Dec. 9, 12 – 1:30 p.m. EST

[Click here to register for the webinar \(Registration is FREE!\):](#)

Black carbon is the sooty material emitted from combustion processes, and it can affect human health and the climate. Its role in the atmosphere is broad and complex. In 2010, the U.S. Environmental Protection Agency's (EPA) STAR program awarded ten grants to universities and organizations to address [Black Carbon's Role in Global to Local Scale Climate and Air Quality](#). Grantees focused on various black carbon research issues, such as better accounting for emissions and uncertainty, tracking how black carbon "ages" or reacts in the atmosphere, and better representing its ability to impact cloud droplet formation. Highlights from the research findings will be summarized in this four-part webinar series.

For more information, contact [Sherri Hunt](mailto:hunt.sherri@epa.gov) (hunt.sherri@epa.gov); 202-564-4486

The Institute for Tribal Environmental Professionals' (ITEP's) [Tribes and Climate Change Calendar](#) includes conferences, trainings, webinars and other events related to tribes and climate change. [Click here](#) for ITEP's other trainings and events. [Click here](#) for ITEP's new Tribal Environmental Management and Planning Online Courses. New courses have been added, so check it out!

[ITEP's 2016 AIAQTP Course Schedule](#)

ITEP's American Indian Air Quality Training Program Course Calendar:

Course Title	Dates	Location
2016		
Air Quality and IAQ in Alaska	December 6-9	Kotzebue, AK
2017		
Air Quality Computations	January 24-27	Phoenix, AZ
Indoor Air Quality (IAQ) Diagnostic Tools (for lower 48)	February 7-10	TAMS Center, Las Vegas, NV
Air Quality and IAQ in Alaska	March 7-10	Koyukuk, AK
Air Pollution Technology	March 13-17	Flagstaff, AZ
Fundamentals of Air Monitoring (for lower 48)	April 4-6	TAMS Center, Las Vegas, NV
Management of Tribal Air Programs and Grants	April 25-28	Lawrence, KS

Introduction to Tribal Air Quality	June 6-9	Flagstaff, AZ
Quality Assurance (QA) Fundamentals	Open	Online
Building Performance: Improving Energy Efficiency & IAQ in Alaska	Open	Online
Radon Fundamentals	Open	Online
Emissions Inventory - Fundamentals	2017	Online
Emissions Inventory - Advanced	2017	Online
Disaster Planning for Air Quality	2017	Online
Management of Tribal Air Programs and Grants	TBD	TBD

Note: This schedule is subject to change. [Click here](#) for up-to-date information, course descriptions, and applications. If you have questions regarding the pre-requisites or your eligibility for this course, please contact Patricia Ellsworth, Air Quality Curriculum Coordinator, at Patricia.Ellsworth@nau.edu or phone 928-523-6721. For more information, please visit [ITEP's website](#).

U.S. EPA/NTAA Air Policy Update Call – Thursday, January 26th, 2016 at 2:00 pm ET. To participate, please send your request to andy.bessler@nau.edu.

Toxics/Mobile Sources

The NTAA VW Settlement Work Group call will be holding a monthly update call on Thursday, December 8th at 3 pm ET to provide updates on the VW Settlement to settle Clean Air Act violations. To join the work group and the call, please contact NTAA Project Director, Andy Bessler at andy.bessler@nau.edu.

There is an upcoming webinar on **Cooperative Agreements for Tribes working on Superfund sites**. Below please find the information on how to register for this webinar, which will be taking place December 7, 2016.

[Please register for Tribal Superfund Working Group webinar here](#) on Dec 7, 2016 11:00 AM PST at:

This webinar will be focused on Cooperative Agreements available to Tribes working on Superfund sites. Our presenters will be Christine Poore and Rafael Casanova from the USEPA. This is going to be the first of two webinars on this subject. We'll be holding the second one – which will feature tribal professionals who have worked with various types of Cooperative Agreements – in January. This

webinar is going to focus on the nuts and bolts of Cooperative Agreements and will be of great interest to all of you working on Superfund sites. We look forward to having you join us on December 7.

After registering, you will receive a confirmation email containing information about joining the webinar. For any questions, please contact Todd Barnell, Program Manager (todd.barnell@nau.edu) or Julie Jurkowski, Program Coordinator Senior (julie.jurkowski@nau.edu)

Indoor Air Quality

NTAA's Indoor Air Quality Work Group will hold its next call on Thursday, January 12th at 2 pm ET. To join the work group or the call, please contact NTAA Project Director Andy Bessler at andy.bessler@nau.edu.

NTAA has re-opened the Indoor Air Quality (IAQ) Needs Assessment for Indian Country! The NTAA IAQ Work Group has re-opened the IAQ Needs Assessment in hopes that more Tribes will complete the [on-line form found here!](#) In re-opening the IAQ needs assessment, NTAA hopes Tribes who have not previously completed this online form will do so now thus helping Tribal and Federal governmental leaders understand the extent of IAQ needs in Tribal communities. The IAQ Needs Assessment will remain open until **January 30th, 2017**. Please allow at least an hour to complete the IAQ Needs Assessment. For more information on the NTAA IAQ work group that created this needs assessment, please visit NTAA's [website here](#).

Please allocate at least 60 minutes to answer all the questions. When you are finished, simply click on the "submit" button at the end of the survey to ensure your answers are properly counted.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:
Codetalk Homepage:

- [National Tribal Air Association \(NTAA\) has re-opened the NTAA National Indoor Air Quality \(IAQ\) Needs Assessment for Indian Country Reminder](#)

RESOURCES

Now Hiring!

The Idaho Department of Environmental Quality is hiring for the position of

Air Quality Program Manager, Analyst 4.

Open for Recruitment: September 6, 2016 - Open until further notice
Announcement # 07046012634

Salary Range: \$24.33 - \$30.27 -Plus Competitive Benefits!

Location(s): Lewiston, ID

The Lewiston Regional Office is hiring an Air Quality Program Manager to implement regional air quality protection programs and regional remediation programs. For more information, [click here](#).

The Tolowa Dee-ni' Nation (formerly Smith River Rancheria) will be accepting applications for the position of Natural Resources Director starting on October 17, 2016.

Applications will be accepted until the position is filled. Would like someone experienced with Tribal governments and EPA Programs. The [Application Link](#) can be found [here](#).

The Upper Snake River Tribes is hiring for the position of Environmental Program Director.

Salary is equivalent to a GS-9/11 pay grade, dependent upon experience. Full medical and dental coverage is provided. Generous life insurance and retirement (401k) benefits package. The Environmental Program Director will serve as the lead point person on environmental issues for the USRT Foundation. The Environmental Program Director is responsible for carrying out the environmental policy directives of the member tribes and reports directly to the USRT Executive Director, with assurance to program quality and accountability to advance the long term goals for the USRT Foundation and member tribes.

How to Apply

Candidates should submit: 1) cover letter outlining their related experience, 2) resume, and 3) contact information for three professional references. Materials may be e-mailed to info@usrtf.org or via mail to:

USRT Foundation

Environmental Program Director Search

413 W. Idaho Street, Suite 101

Boise, ID 83702

Review of applications begins November 4, 2016 and will remain open until filled. Contact info@usrtf.org with additional questions.

Ambient Air Quality/EPA/NTAA

The EROS (Ecological Responses and Outreach Subcommittee) of the National Atmospheric Deposition Program has just published a brand new educational booklet on Nitrogen Deposition: where it comes from, what it does to ecosystems, how it is measured, and information about the NADP. It is intended for general audiences, probably starting at about 8th grade. [Click here for a copy.](#)

EPA's Public Engagement Highlights is a weekly e-newsletter produced by EPA's Office of Public Engagement which summarizes some of the latest important Agency actions. It's where you can learn about various ways you can engage with EPA and find the Agency's latest blog posts, videos, and additional resources.

Signing up for the e-newsletter is easy! Just visit the [EPA Public Engagement Highlights](#) website where the most recent editions are available and enter your email in the e-newsletter sign up box located on the upper right. The resulting New Subscriber page will list all available EPA Topics, with "Public Engagement Highlights Newsletter" checked towards the bottom of the page. When setting up your profile, you can select additional subscription topics offered by EPA. You can always unsubscribe at any time.

Climate Change/Energy

ITEP's Tribal Climate Change Newsletter: This monthly newsletter provides news items, resources, announcements about funding opportunities, conferences, and training, and other information relevant to tribal climate change issues.

Article: [Forest Adaptation Resources: Climate Change Tools and Approaches for Land Managers, 2nd Edition](#)

Forests across the United States are expected to undergo numerous changes in response to the changing climate. This second edition of the Forest Adaptation Resources provides a collection of resources designed to help forest managers incorporate climate change considerations into management and devise adaptation tactics.

Book: [This Changes Everything](#)

Author Naomi Klein, tackles the most profound threat humanity has ever faced: the war our economic model is waging against life on earth. Klein exposes the myths that are clouding the climate debate. We have been told the market will save us, when in fact the addiction to profit and growth is digging us in deeper every day.

Climate Change Adaptation: [Traditional Knowledge of Indigenous Peoples](#)

Inhabiting the Arctic and Far North (UNESCO)

This website has been developed by the UNESCO Institute for Information Technologies in Education within a project “A Networked System of Open Indigenous Knowledge Resources for Climate Change Mitigation and Adaptation in Polar Regions” funded by the UNESCO Intersectoral Platform “UNESCO’s contribution to climate change mitigation and adaptation”. It contains multimedia modules with interdisciplinary complex of indigenous knowledge related to mitigation and adaptation to environmental changes in the regions that have similar climate and face similar environmental problems in the Far North of Russia.

Video: Climate Change and Your Health (Western North Carolina Public Radio)

WCQS’s Helen Chickering talks with a physician who is spending the second half of his career as a climate change health advocate and a local research scientist who studies the impact of climate change on public health and co-authored the first comprehensive scientific report assessing the health effects of climate change in the U.S. 2min 10sec.

Video: Red Power Energy

Tribal lands are the microcosm of today’s controversial energy debate. Between the fears that fossil fuels cause climate change and the hope that renewable energy can save the planet, lies the complex reality of American Indian reservations grappling with the balance of culture verse progress, poverty verse new-found wealth, and the fate of the environment. Uniquely intimate, provocative and told from the Native perspective, with a nearly all-Native film crew and all-Native Advisory Council, Red Power Energy is a multi-media documentary that combines engaging storytelling with in-depth journalism. Featured are Western and Great Plains American Indian tribes in North Dakota, South Dakota, Montana, Wyoming and Colorado.

Indoor Air Quality

On August 31st, 2016, the National Tribal Air Association endorsed and now supports the National Radon Action Plan. NTAA joins the American Lung Association, EPA and many others to work to reduce radon risk in 5 million homes and saving 3,200 lives annually by 2020. [Click here to learn more about the National Radon Action Plan](#) and be sure to use NTAA’s template form to submit your own Tribe’s endorsement of the National Radon Action Plan.

U.S. HUD’s Office of Native American Programs (ONAP) Code Talk:

[Codetalk Homepage:](#)

FUNDING OPPORTUNITIES

Ambient Air Quality/EPA/NTAA

The Alaska Native Tribal Health Consortium (ANTHC) announces the FY2017 ANTHC Air Quality Sub-Award Request for Proposals (RFP).

Please submit your completed Sub-Award applications to either AJ Salkoski (ajsalkoski@anthc.org) or Lacey Walsh (lmwalsh@anthc.org). Applications can also be submitted via fax at (907) 729-4044 c/o AJ Salkoski.

These grants are competitive and unfortunately not everyone who applies will be awarded. If you have any questions about grant ideas, eligibility, or need additional information, please do not hesitate to contact Lacey Walsh at (907) 729-5609 or AJ Salkoski at (907) 729-4518. For more information, visit the [ANTHC Tribal Air Quality Program](#).

U.S. EPA Air Grants and Funding:

EPA's Office of Air and Radiation (OAR) announces competitive funding announcements for projects and programs relating to [air quality](#), [transportation](#), [climate change](#), [indoor air](#) and other related topics.

Organizations that can apply (eligible entities) are typically based on the funding announcements' [authorizing statute](#) and [catalog of federal domestic assistance \(CFDA\)](#). **This page** provides access to information about current funding opportunities under 'Open Announcements' and also provides as a reference tool, all previously announced funding announcements listed below and in archives under 'Closed Announcements'.

More than \$889 million in funding and technical assistance is available for state, local, and tribal governments from the Department of Transportation (DOT), Environmental Protection Agency (EPA), Department of Energy (DOE), Federal Transportation Authority (FTA), Federal Emergency Management Authority (FEMA), Center for Disease Control (CDC), Fish and Wildlife Service (FWS), and Bureau of Indian Affairs (BIA) that can be used to support climate and energy initiatives, including economic development, sustainable communities, green infrastructure, and water efficiency. For full eligibility and application details, please visit the links provided below. **In addition, please visit the [calendar of 2016 EPA grant opportunities](#) that may be of particular interest to Tribal communities.**

Climate Change/Energy

U.S. EPA's State and Local Climate and Energy Newsletter includes a calendar of 2016 EPA grant opportunities that may be of particular interest to Tribal communities.

DOE Makes Up to \$6 Million Available to Deploy Energy Efficiency and Clean Energy on Indian Lands

DOE expects to make approximately \$4 million to \$6 million of federal funding available for new awards under this funding opportunity announcement (FOA), subject to the availability of appropriated funds. The actual level of funding, if any, depends on congressional appropriations. DOE anticipates making approximately 6 to 10 awards under this FOA. On November 14, during the U.S. Department of Energy (DOE) Office of Indian Energy Program Review, Office Director Chris Deschene announced a new funding opportunity to install energy efficiency measures and deploy clean energy systems on Indian lands.

The application deadline is Feb. 7, 2017. [Learn more and apply.](#)

Informational Webinar

The Office of Indian Energy will host an informational webinar on **Dec. 1, 2016, at 1 p.m. Mountain Standard Time (MST)**, to provide potential applicants with information on the FOA. In addition to describing the FOA in detail, presenters will discuss who is eligible to apply, what an application needs to include, cost share and other requirements, how to ask questions, and how applications will be selected for funding. If you are unable to attend the webinar, it will be recorded and posted for later viewing.

[Register for the webinar.](#)

The DOE's Solar in Your Community Challenge offers \$5 million in cash prizes and technical assistance to improve solar electricity access to underserve communities across the country!

To spread the word to our communities and stakeholders, the DOE is hosting a webinar specifically for these communities in mind! The webinar will explain how the competition works and how communities with environmental justice concerns can participate. Informational Webinar on Thursday December 1st at 2PM EST. Register for the [webinar here](#): Learn more about the [Solar in Your Community Challenge here](#).

Please share this information with communities, state, local and tribal governments, and nonprofit organizations that may be interested in participating in this incredible opportunity.

USDA Seeks Applications for Loans and Grants that Support Renewable

Energy, Energy Efficiency, and Conservation Innovation

The U.S. Department of Agriculture (USDA) has announced two energy- and conservation-related funding opportunities for which tribes may be eligible to apply.

USDA is encouraging rural small businesses and agricultural producers to apply for loans and grants to support renewable energy and energy efficiency projects through its Rural Energy for America Program (REAP). Applications are currently being accepted for: 1) energy audit and renewable energy development assistance grants, and 2) renewable energy system and energy efficiency guaranteed loans and grants.

The application deadline for energy audit and renewable energy development assistance grants is Jan. 31, 2017. Applications for renewable energy system and energy efficiency grants, all combination grants, and guaranteed loans are due by March 31, 2017. More information, including a link to application materials and submission procedures, can be found on the [USDA website](#).

New Energy Efficiency Competition to Assist Remote Alaskan Communities with Energy Challenges

The U.S. Department of Energy's (DOE's) Office of Indian Energy and Office of Energy Efficiency and Renewable Energy (EERE) issued a Notice of Technical Assistance (NOTA) to significantly accelerate efforts by remote Alaskan communities to adopt sustainable energy strategies. The Remote Alaskan Communities Energy Efficiency Competition will empower Alaskan communities and Alaska Native villages to develop effective tools to advance the use of reliable, affordable, and energy efficient solutions that are replicable throughout Alaska and other Arctic regions. [Learn more about the competition and how to apply.](#)

USDA: The FY 2016 Agriculture and Food Research Initiative (AFRI) Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area Request for Application (RFA) is now available for public viewing. Please review the links below and verify the information is accurate. Please let me know if you have questions or concerns.

NIFA Funding Opportunity Page: <https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-agriculture-and-natural-resources>.

Grants.gov Page: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=285990>. This page includes a synopsis of the funding opportunity, a link to the full announcement (RFA) and the application package.

FY 17 Farm to School Grant Program (USDA)

The Healthy, Hunger-Free Kids Act of 2010 (HHFKA) amended Section 18 of the Richard B. Russell National School Lunch Act (NSLA) to establish a Farm to School Program in order to assist eligible entities, through grants and technical assistance, in implementing farm to school programs that improve access to local foods in eligible schools. To fulfill the farm to school mandate in the HHFKA, \$5 million is provided to the USDA on an annual basis to support grants, technical assistance, and the Federal administrative costs related to USDA's Farm to School Program. Eligibility includes Indian tribal organizations and schools. Funding opportunity #USDA-FNS-F2S-2017. Deadline: 12/08/16.

2017 Saltonstall-Kennedy Competitive Research Program (Dept. of Commerce)

The objective of the S-K Grant Program is to address the needs of the fisheries and fishing communities in optimizing economic benefits by building and maintaining sustainable fisheries and practices, dealing with the impacts of conservation and management measures, and increasing other opportunities to use existing infrastructure to support keeping working waterfronts viable. Proposals submitted to this competition must address at least one of the following priorities: Marine Aquaculture; Fisheries Data Collection; Techniques for Reducing Bycatch and other Adverse Impacts; Adapting to Climate Change and Other Long Term Ecosystem Change; Promotion, Development and Marketing; Socio-Economic Research; and Territorial Science. Eligibility includes Indian tribes. Funding opportunity # NOAA-NMFS-FHQ-2017-2004980. Deadline: 12/09/16.

FY17 Guidelines for Brownfields Cleanup Grants (EPA)

EPA's Brownfields Program provides funds to empower states, communities, tribes, and nonprofits to prevent, inventory, assess, clean up, and reuse brownfield sites. Under these guidelines, EPA is seeking proposals for Cleanup Grants only. Eligibility includes Indian tribe other than in Alaska (per CERCLA104 (k) (1)). Deadline: 12/20/16.

WaterSMART: Development of Feasibility Studies under the Title XVI Water Reclamation and Reuse Program (FY) 2017 (BOR)

The objective of this FOA is to invite applicants to cost share the development of new water reuse feasibility studies. Water reclamation and reuse projects provide growing communities with new sources of clean water while promoting water and energy efficiency and environmental stewardship. Eligibility includes Indian tribes or tribal organizations. Funding opportunity #BOR-DO-17-F003. Deadline: 01/05/16.

FY17 Coral Reef Conservation Program, Domestic Coral Reef Conservation

Grants (NOS, NOAA, Department of Commerce)

This funding opportunity is soliciting applications intended to support coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths, in American Samoa, the Commonwealth of the Northern Mariana Islands, Florida, Guam, Hawaii, Puerto Rico, the U.S. Virgin Islands, and coral-dominated banks in the U.S. portions of the Gulf of Mexico. Eligibility includes federally recognized Indian tribal governments. Funding opportunity # NOAA-NOS-OCM-2017-2005011. Deadline: 01/11/17.

FY 2017 National Climate Change & Wildlife Center Program (Geological Survey)

This program was created to ensure that the National Climate Change and Wildlife Science Center is responsive to the research and management needs of Federal and State agencies to provide science and technical support regarding the impacts of climate change in fish, wildlife, plants and ecological processes. National coordination of research and modeling at regional centers will ensure uniformity of downscaling and forecasting models and standardized information to support management of fish and wildlife resources and regional partnership collaborations. The CSC's will provide access to the expertise at cooperating universities and supports the mission of the program. Eligibility: Unrestricted. Funding opportunity # G16AS00129. Deadline: 01/12/17.

NOAA Climate Program Office FY2017 - Understanding Climate Impacts on Fish Stocks and Fisheries to Inform Sustainable Management (Dept. of Commerce)

The goal is to inform sustainable fisheries management and promote resilience of the nation's fish stocks and fisheries in a changing climate. For FY17, this OAR/NMFS partnership, through the Coastal and Ocean Climate Applications (COCA) Program, will continue to take a regional approach to improving the resilience and adaptation of fisheries in a changing climate by soliciting proposals under two competitions. Eligibility includes Indian tribal governments. Funding opportunity # OAA-OAR-CPO-2017-2004998. Deadline: 01/30/17.

Indoor Air Quality

U.S. HUD - HUD recipients can request technical assistance on basically any subject, as long as is it related to NAHASDA. The requests come in to the ONAP Area Office, which typically considers whether the tribe has any other TA needs, and then assembles a TA request package for HQ to consider. From what I have been able to gather, training on indoor air issues has never been requested - but it could be. ONAP has contracts with certain TA providers for these TA

requests. Those TA providers may subcontract as needed. The link below names the TA providers and discusses the process. A link to the ONAP CodeTalk website is provided below in case you are interested in getting a better feel for ONAP's Area Office structure. TA process:

<http://portal.hud.gov/hudportal/documents/huddoc?id=onaptaannouce.pdf>

CodeTalk:

http://portal.hud.gov/hudportal/HUD?src=/program_offices/public_indian_housing/ih

Most Recent Listing: EPA Rules from the Federal Register

Contents of the Federal Register for Wednesday, November 30, 2016

(Past copies can be accessed [here](#)).

Rules

You have received this email as a subscriber to the NTAA Weekly Update. To unsubscribe or modify your subscriptions, click the appropriate link below:

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To: NTAA@LISTS.NAU.EDU[NTAA@LISTS.NAU.EDU]
From: NTAA
Sent: Wed 11/23/2016 3:39:46 PM
Subject: NTAA Weekly Update, November 23, 2016

National Tribal Air Association

NTAA Weekly Update

***Week of November 21st –
November 25th, 2016***

If you have difficulty reading this email, click here to view it online.

HAPPY THANKSGIVING FROM NTAA!

TOP STORIES

Washington Post - [Police defend use of water cannons on Dakota Access protesters in freezing weather](#)

New York Times - [Navajo Youths Travel 1,000 Miles to Protest Power Plant Haze](#)

Washington Post - [EPA chief: Trump can't halt U.S. shift to clean energy](#)

Climate Central - [The Arctic is a Seriously Weird Place Right Now](#)

HEADLINES

Ambient Air Quality/EPA/NTAA/Tribes

NPR - [The Standing Rock Resistance Is Unprecedented \(It's Also Centuries Old\)](#)

Chicago Tribune - [Activists, police give conflicting accounts after Dakota Access protester severely injured](#)

AP – [Dakota Access Oil Pipeline Developer Won't Consider Reroute](#)

ABC News - [Leader of the Standing Rock Sioux Tribe Calls On Obama to Halt Pipeline Following Violent Clash](#)

Indian Country Today - [Grand Canyon Escalade: 'There's a Lot of Unknowns'](#)

Indian Country Today - [EPA Grants \\$62.6 Million to Tribes in Three States for Enviro Programs](#)

The Times Standard - [Blue Lake Power under fire from residents, tribe over alleged pollution violations](#)

Skagit Valley Herald - Shell refinery faces another fine for 2015 emissions incident

Indianz.com - Tribal Nations Buy Bear Butte Land

National Association of Clean Air Agencies - Washington Update

Climate Change/Energy

New York Times - Trump, in Interview, Moderates Views but Defies Conventions

Pro Publica - Is the EPA's Landmark 'Endangerment Finding' Now Itself Imperiled?

New York Times - Diplomats Confront New Threat to Paris Climate Pact: Donald Trump

New York Times - Trump Has Called Climate Change a Chinese Hoax. Beijing Says It Is Anything But.

Washington Post - On its way out, Obama administration moves to slam the door shut on Arctic drilling

Washington Post - Obama administration cancels oil and gas leases on Blackfoot tribe's sacred grounds

Courthouse News - [States Join in Fight Over Feds' Gas-Venting Restrictions](#)

Climate Central - [Sticking to 1.5°C Limit Would Protect World Economy](#)

Toxics/Mobile Sources

The Guardian - [VW shifts focus to electric cars with US expansion plan](#)

Indian Country Today - [Colville Tribes Await \\$8.3 Million Settlement From Teck Metals as Mining Company Appeals Damages](#)

Indianz.com - [Pala Band pays \\$13M to protect sacred land from landfill project](#)

The Hill - [Volkswagen cuts 30K jobs after emissions cheating scandal](#)

Photo from the field



Shonto Begay (c) 2016: "Facing the Black Snake," Etch-A-Sketch artwork by Navajo artist Shonto Begay who is currently protesting the Dakota Access Pipeline at Standing Rock.

UPCOMING CALLS/EVENTS

Ambient Air Quality/EPA/NTAA

Greetings from the Tribal Air Monitoring Support (TAMS)

Center Steering Committee. As a Steering Committee comprised of Tribal environmental representatives from different regions of the country, we are announcing the TAMS Center Technical Needs Assessment to aid the TAMS Center to better understand the air quality technical support needs and priorities of Tribes. The link to the online questionnaire form is at <http://www7.nau.edu/itep/main/tamsNA/>.

The Technical Needs Assessment will be open until March 10, 2017. The Steering Committee plans on providing the results of the Technical

Needs Assessment at the 2017 National Tribal Forum.

U.S. EPA Webinar: Proposed rule: Implementation of the 2015 National Ambient Air Quality Standards (NAAQS) for Ozone: Nonattainment Area Classifications and State Implementation Plan Requirements on Wednesday, December 7, 2016 at 2:00 – 3:30 PM Eastern Time; Link to Join Webinar:

<https://epawebconferencing.acms.com/nonattainment-sip>

Description: On November 2, 2016, EPA proposed requirements that would apply to state, local, and tribal air agencies for implementing the 2015 NAAQS for ground-level ozone. The EPA revised both the health-based and welfare-based standards for ozone on October 1, 2015. This proposed action largely retains and updates the implementing regulations that apply for the 2008 ozone NAAQS, for purposes of the 2015 ozone standards, which creates stability in the planning process. This action also proposes two options for revoking the 2008 ozone NAAQS. The EPA is also seeking comment on a number of additional topics, including: (1) managing emissions from wildfires and wildland prescribed fires; (2) transportation conformity and general conformity; (3) contingency measures; (4) international transport and background ozone; and (5) additional policies for achieving emissions reductions. This webinar is intended to provide highlights of the proposed rule and address clarifying questions. To download a copy of the proposed rule or for more information go to <https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state>.

U.S. EPA Announced an Extension of Public Comment Period for the Draft General Permit under the Clean Air Act Federal Indian Country Minor New Source Review Program – Gasoline Dispensing Facilities

Extension of Comment Period: On September 30, 2016, the United States Environmental Protection Agency (EPA) provided notice of, and requested public comment on, the EPA's draft general permit for gasoline dispensing facilities for use in Indian country within California pursuant to the Clean Air Act (CAA) Federal Indian Country Minor New Source Review (NSR) program for new and modified minor sources at 40 CFR 49.151 through 49.161.

The EPA is extending the deadline for submitting comments on this action until January 31, 2017. Any person may submit written comments on the draft permit during the public comment period. These comments must raise any reasonably ascertainable issue with supporting arguments by the close of the public comment period. All written comments on the draft general permit must be received or postmarked by January 31, 2017. Comments must be sent or delivered in writing to Lisa Beckham at one of the following addresses: E-mail: R9airpermits@epa.gov. Online Docket: www.regulations.gov, Docket ID: EPA-R09-OAR-2016-0580. Send U.S. Mail to Lisa Beckham (AIR-3) U.S. EPA Region 9, 75 Hawthorne Street, San Francisco, CA 94105-3901

States' Ozone NAAQS Designation Recommendations Posted on EPA Website (November 9, 2016) – EPA has made available on its website the recommendations submitted by states and some tribes for area attainment and nonattainment designations under the 2015 National Ambient Air Quality Standard (NAAQS) for ozone. EPA promulgated the eight-hour ozone NAAQS of 70 parts per billion (ppb) on October 26, 2015, replacing the previous standard of 75 ppb. States were required to submit their area designation recommendations by October 2016. The recommendations are based on air quality data collected from 2013 to 2015. EPA will issue its final area designations by October 1, 2017. For further information: <https://www.epa.gov/ozone-designations/ozone-designationsregulatory-actions>

HOST SITES NEEDED FOR SUMMER INTERNSHIP PROGRAM - The Institute for Tribal Environmental Professionals – Environmental Education Outreach Program at Northern Arizona University in Flagstaff, Arizona is seeking air quality focused offices and programs to host a college student for an 8-week summer internship. Tribal environmental offices, EPA offices, and other tribal environmental organizations are encouraged to apply. The interns will be highly motivated undergraduate or graduate students majoring in environmental or related careers from different colleges and universities nationwide. ITEP provides each student intern with a \$4,000 stipend, and limited housing and travel allowances. The host site provides a work place and supervision for the

intern. The projects **MUST** focus on addressing air quality issues in tribal communities. Submit an application [online here](#). **Deadline: Apply by January 20, 2017**. For detailed information on the internship and requirements, visit our [internship web-site](#). For more information, contact ITEP Intern Coordinator at EEOP-INTERN@nau.edu.

Join us for a webinar on the new Tribal Data Roadmap! Recently released by the US EPA's Office of Water, and also the first, tribal specific, E-Enterprise for the Environment project, the Tribal Data Roadmap was developed to help tribes navigate the steps needed to manage and submit water quality data via the Water Quality eXchange. (WQX). The webinar will describe how the Roadmap was originally conceived, developed and refined through collaboration with tribes, and will walk users through an example scenario using the Roadmap. Time will also be provided for Q & A at the end of the presentation.

Webinar Date: Thursday December 8, 2016 at 12 pm EST. To participate, [register here first](#) (call-in information will be provided after registering).

U.S. EPA's Science to Achieve Results (STAR) Webinar Series: Black Carbon
Friday, Dec. 9, 12 – 1:30 p.m. EST

[Click here to register for the webinar \(Registration is FREE!\):](#)

Black carbon is the sooty material emitted from combustion processes, and it can affect human health and the climate. Its role in the atmosphere is broad and complex. In 2010, the U.S. Environmental Protection Agency's (EPA) STAR program awarded ten grants to universities and organizations to address [Black Carbon's Role in Global to Local Scale Climate and Air Quality](#). Grantees focused on various black carbon research issues, such as better accounting for emissions and uncertainty, tracking how black carbon "ages" or reacts in the atmosphere, and better representing its ability to impact cloud droplet formation. Highlights from the research findings will be summarized in this four-part webinar series.

For more information, contact [Sherri Hunt \(hunt.sherri@epa.gov\)](mailto:hunt.sherri@epa.gov); 202-564-4486

The Institute for Tribal Environmental Professionals' (ITEP's) [Tribes and Climate Change Calendar](#) includes conferences, trainings, webinars and other events related to tribes and climate change. [Click here](#) for ITEP's other trainings and events. [Click here](#) for ITEP's new Tribal Environmental Management and Planning Online Courses. New courses have been added, so check it out!

ITEP's 2016 AIAQTP Course Schedule

ITEP's American Indian Air Quality Training Program Course Calendar:

Course Title	Dates	Location
2016		
Clean Air Act & Permitting	November 29-December 2	TAMS Center, Las Vegas, NV
Air Quality and IAQ in Alaska	December 6-9	Kotzebue, AK
Air Quality Project Planning, QAPPs, and Grants for Alaska	POSTPONED	Anchorage, AK
2017		
Air Quality Computations	January 24-27	Phoenix, AZ
Indoor Air Quality (IAQ) Diagnostic Tools (for lower 48)	February 7-10	TAMS Center, Las Vegas, NV
Air Quality and IAQ in Alaska	March 7-10	Koyukuk, AK
Air Pollution Technology	March 13-17	Flagstaff, AZ
Fundamentals of Air Monitoring (for lower 48)	April 4-6	TAMS Center, Las Vegas, NV
Management of Tribal Air Programs and Grants	April 25-28	Lawrence, KS
Introduction to Tribal Air Quality	June 6-9	Flagstaff, AZ
Quality Assurance (QA) Fundamentals	Open	Online
Building Performance: Improving Energy Efficiency & IAQ in Alaska	Open	Online
Radon Fundamentals	Open	Online

Emissions Inventory - Fundamentals	2017	Online
Emissions Inventory - Advanced	2017	Online
Disaster Planning for Air Quality	2017	Online
Management of Tribal Air Programs and Grants	TBD	TBD

Note: This schedule is subject to change. [Click here](#) for up-to-date information, course descriptions, and applications. If you have questions regarding the pre-requisites or your eligibility for this course, please contact Patricia Ellsworth, Air Quality Curriculum Coordinator, at Patricia.Ellsworth@nau.edu or phone 928-523-6721. For more information, please visit [ITEP's website](#).

U.S. EPA/NTAA Air Policy Update Call – Thursday, January 26th, 2016 at 2:00 pm ET. To participate, please send your request to andy.bessler@nau.edu.

Climate Change/Energy

Webinar: [Projected expansion of the Southern Pine Beetle into Northern Forests](#)

November 30, 3:30-4:30 p.m. EST. Offered by the NE-CSC. Radley Horton is an associate research scientist at the Center for Climate Systems Research at Columbia University. His research focuses on extreme weather events, the limitations of climate models, and adaptation to climate change. He currently teaches in Columbia University's Sustainable Development department.

Nov. 30 Tribal Renewable Energy Webinar: Energy and Economic Success Stories: The Office of Indian Energy, in partnership with Western Area Power Administration, is hosting a free webinar entitled "Energy and Economic Success Stories" on Wednesday, Nov. 30, from 11 a.m. to 12:30 p.m. MST.

Through funding provided by DOE's Indian energy programs between

2002 and 2016, DOE invested nearly \$66.5 million in more than 200 tribal energy projects implemented across the contiguous 48 states and Alaska. This webinar will showcase how such projects have contributed to more than 18.5 megawatts of new tribal renewable energy generation capacity, lowered electricity bills for more than 2,500 tribal buildings and more than 29,000 tribal members, resulted in total cost savings of \$9 million to \$11 million annually, and contributed to sustainable, long-term economic growth for tribal communities. Discover how DOE grant recipients that have co-funded successful tribal energy projects have assessed the feasibility of energy efficiency projects and renewable energy installations, built the institutional capacity to manage their energy needs, and ultimately demonstrated the viability of clean energy on tribal lands. [Register for this webinar.](#)

Training: [Ocean Acidification “State of the Science”](#)

November 30 - December 01, Anchorage, AK. Offered by the NW-CSC. This is a 2-day workshop in Anchorage, inviting a broad audience across the state interested in ocean acidification issues.

Host a Tribal Climate Resilience VISTA- No cost to tribes or TCUs! Limited Availability, Apply Today

Through the Tribal Resilience initiative, AmeriCorps VISTA is providing resources to TCUs and Tribal communities to help build institutional capacity to respond to emerging impacts of climate change. VISTAs are being recruited to support Tribal efforts to plan and develop strategies for identifying and responding to climate change vulnerabilities, and the focus of projects can include economic development, food sovereignty, environmental stewardship, and youth development. For more information, contact Rachael Novak (rachael.novak@bia.gov) or Al Kuslikis (akuslikis@aihec.org). The deadline for pre-applications is Nov. 28, 5pm Eastern.

Toxics/Mobile Sources

The NTAA VW Settlement Work Group call will be holding a monthly update call on Thursday, December 8th at 3 pm ET to provide updates on

the VW Settlement to settle Clean Air Act violations. To join the work group and the call, please contact NTAA Project Director, Andy Bessler at andy.bessler@nau.edu.

There is an upcoming webinar on **Cooperative Agreements for Tribes working on Superfund sites**. Below please find the information on how to register for this webinar, which will be taking place December 7, 2016.

Please register for Tribal Superfund Working Group webinar here on Dec 7, 2016 11:00 AM PST at:

This webinar will be focused on Cooperative Agreements available to Tribes working on Superfund sites. Our presenters will be Christine Poore and Rafael Casanova from the USEPA. This is going to be the first of two webinars on this subject. We'll be holding the second one – which will feature tribal professionals who have worked with various types of Cooperative Agreements – in January. This webinar is going to focus on the nuts and bolts of Cooperative Agreements and will be of great interest to all of you working on Superfund sites. We look forward to having you join us on December 7.

After registering, you will receive a confirmation email containing information about joining the webinar. For any questions, please contact Todd Barnell, Program Manager (todd.barnell@nau.edu) or Julie Jurkowski, Program Coordinator Senior (julie.jurkowski@nau.edu)

Indoor Air Quality

NTAA's Indoor Air Quality Work Group will hold its next call on Thursday, January 12th at 2 pm ET. To join the work group or the call, please contact NTAA Project Director Andy Bessler at andy.bessler@nau.edu.

NTAA has re-opened the Indoor Air Quality (IAQ) Needs Assessment for Indian Country! The NTAA IAQ Work Group has re-opened the IAQ

Needs Assessment in hopes that more Tribes will complete the [on-line form found here](#)! In re-opening the IAQ needs assessment, NTAA hopes Tribes who have not previously completed this online form will do so now thus helping Tribal and Federal governmental leaders understand the extent of IAQ needs in Tribal communities. The IAQ Needs Assessment will remain open until **January 30th, 2017**. Please allow at least an hour to complete the IAQ Needs Assessment. For more information on the NTAA IAQ work group that created this needs assessment, please visit NTAA's [website here](#).

Please allocate at least 60 minutes to answer all the questions. When you are finished, simply click on the "submit" button at the end of the survey to ensure your answers are properly counted.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:

Codetalk Homepage:

- [National Tribal Air Association \(NTAA\) has re-opened the NTAA National Indoor Air Quality \(IAQ\) Needs Assessment for Indian Country Reminder](#)

RESOURCES

Now Hiring!

Office of Indian Energy Seeks Supervisory General Engineer

The Office of Indian Energy is seeking a general engineer to supervise and manage its Deployment Program, which provides education, human capacity building, technical assistance, and financial assistance to accelerate the deployment of energy solutions to rural and remote Indian Country. In addition to serving in a supervisory and management role, the successful candidate for this position will oversee collection and analysis of data to inform important

policy changes and improvements relating to smart grid, demand response, and utility energy efficiency.

The posted position requires frequent travel throughout the United States, possibly during harsh and extreme weather conditions. Applications are due Tuesday, November 22. Learn more and apply for the position at USAJOBS.gov.

The Idaho Department of Environmental Quality is hiring for the position of Air Quality Program Manager, Analyst 4.

Open for Recruitment: September 6, 2016 - Open until further notice
Announcement # 07046012634

Salary Range: \$24.33 - \$30.27 -Plus Competitive Benefits!

Location(s): Lewiston, ID

The Lewiston Regional Office is hiring an Air Quality Program Manager to implement regional air quality protection programs and regional remediation programs. For more information, [click here](#).

The Tolowa Dee-ni' Nation (formerly Smith River Rancheria) will be accepting applications for the position of Natural Resources Director starting on October 17, 2016.

Applications will be accepted until the position is filled. Would like someone experienced with Tribal governments and EPA Programs. The [Application Link can be found here](#).

The Upper Snake River Tribes is hiring for the position of Environmental Program Director.

Salary is equivalent to a GS-9/11 pay grade, dependent upon experience. Full medical and dental coverage is provided. Generous life insurance and retirement (401k) benefits package. The Environmental Program Director will serve as the lead point person on environmental issues for the USRT Foundation. The Environmental Program Director is

responsible for carrying out the environmental policy directives of the member tribes and reports directly to the USRT Executive Director, with assurance to program quality and accountability to advance the long term goals for the USRT Foundation and member tribes.

How to Apply

Candidates should submit: 1) cover letter outlining their related experience, 2) resume, and 3) contact information for three professional references. Materials may be e-mailed to info@usrtf.org or via mail to:

USRT Foundation

Environmental Program Director Search

413 W. Idaho Street, Suite 101

Boise, ID 83702

Review of applications begins November 4, 2016 and will remain open until filled. Contact info@usrtf.org with additional questions.

The Arizona Chapter of The Nature Conservancy is recruiting for a Land and Water Protection Manager – Southern AZ. This is a *Project Manager* position and is based in our Tucson Conservation Center.

The Land and Water Protection Manager – Southern AZ is responsible for implementing and achieving The Nature Conservancy's conservation priorities by initiating and completing real estate transactions in priority areas across Southern Arizona, with a focus on transfers to conservation partners. The Protection Manager represents the Conservancy in relationships and negotiations with private land owners, government agencies, public and private funders, land trust partners and community-based organizations. S/he assists in securing public and private funds for land and water protection and in creatively structuring individual transactions.

You can find the posting on TNC's careers page – search for Job ID# 44816:

Please share this outreach and encourage anyone that you see as a good candidate to apply for the position! **The deadline to apply is November 28, 2016.**

Ambient Air Quality/EPA/NTAA

The EROS (Ecological Responses and Outreach Subcommittee) of the National Atmospheric Deposition Program has just published a brand new educational booklet on Nitrogen Deposition: where it comes from, what it does to ecosystems, how it is measured, and information about the NADP. It is intended for general audiences, probably starting at about 8th grade. [Click here for a copy.](#)

EPA's Public Engagement Highlights is a weekly e-newsletter produced by EPA's Office of Public Engagement which summarizes some of the latest important Agency actions. It's where you can learn about various ways you can engage with EPA and find the Agency's latest blog posts, videos, and additional resources.

Signing up for the e-newsletter is easy! Just visit the [EPA Public Engagement Highlights](#) website where the most recent editions are available and enter your email in the e-newsletter sign up box located on the upper right. The resulting New Subscriber page will list all available EPA Topics, with "Public Engagement Highlights Newsletter" checked towards the bottom of the page. When setting up your profile, you can select additional subscription topics offered by EPA. You can always unsubscribe at any time.

Climate Change/Energy

ITEP's Tribal Climate Change Newsletter: This monthly newsletter provides news items, resources, announcements about funding

opportunities, conferences, and training, and other information relevant to tribal climate change issues.

Article: Forest Adaptation Resources: Climate Change Tools and Approaches for Land Managers, 2nd Edition

Forests across the United States are expected to undergo numerous changes in response to the changing climate. This second edition of the Forest Adaptation Resources provides a collection of resources designed to help forest managers incorporate climate change considerations into management and devise adaptation tactics.

Book: This Changes Everything

Author Naomi Klein, tackles the most profound threat humanity has ever faced: the war our economic model is waging against life on earth. Klein exposes the myths that are clouding the climate debate. We have been told the market will save us, when in fact the addiction to profit and growth is digging us in deeper every day.

Climate Change Adaptation: Traditional Knowledge of Indigenous Peoples Inhabiting the Arctic and Far North (UNESCO)

This website has been developed by the UNESCO Institute for Information Technologies in Education within a project “A Networked System of Open Indigenous Knowledge Resources for Climate Change Mitigation and Adaptation in Polar Regions” funded by the UNESCO Intersectoral Platform “UNESCO’s contribution to climate change mitigation and adaptation”. It contains multimedia modules with interdisciplinary complex of indigenous knowledge related to mitigation and adaptation to environmental changes in the regions that have similar climate and face similar environmental problems in the Far North of Russia.

Video: Climate Change and Your Health (Western North Carolina Public Radio)

WCQS’s Helen Chickering talks with a physician who is spending the second half of his career as a climate change health advocate and a local research scientist who studies the impact of climate change on public health and co-authored the first comprehensive scientific report assessing the health effects of climate change in the U.S. 2min 10sec.

Video: Red Power Energy

Tribal lands are the microcosm of today's controversial energy debate. Between the fears that fossil fuels cause climate change and the hope that renewable energy can save the planet, lies the complex reality of American Indian reservations grappling with the balance of culture verse progress, poverty verse new-found wealth, and the fate of the environment. Uniquely intimate, provocative and told from the Native perspective, with a nearly all-Native film crew and all-Native Advisory Council, Red Power Energy is a multi-media documentary that combines engaging storytelling with in-depth journalism. Featured are Western and Great Plains American Indian tribes in North Dakota, South Dakota, Montana, Wyoming and Colorado.

Indoor Air Quality

On August 31st, 2016, the National Tribal Air Association endorsed and now supports the National Radon Action Plan. NTAA joins the American Lung Association, EPA and many others to work to reduce radon risk in 5 million homes and saving 3,200 lives annually by 2020. [Click here to learn more about the National Radon Action Plan](#) and be sure to use NTAA's template form to submit your own Tribe's endorsement of the National Radon Action Plan.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:

[Codetalk Homepage:](#)

FUNDING OPPORTUNITIES

Ambient Air Quality/EPA/NTAA

The Alaska Native Tribal Health Consortium (ANTHC) announces the FY2017 ANTHC Air Quality Sub-Award Request for Proposals (RFP). Please submit your completed Sub-Award applications to either AJ Salkoski (ajsalkoski@anthc.org) or Lacey Walsh (lmwalsh@anthc.org). Applications can also be submitted via fax at (907) 729-4044 c/o AJ Salkoski.

These grants are competitive and unfortunately not everyone who applies will be awarded. If you have any questions about grant ideas, eligibility, or need additional information, please do not hesitate to contact Lacey Walsh at (907) 729-5609 or AJ Salkoski at (907) 729-4518. For more information, visit the [ANTHC Tribal Air Quality Program](#).

U.S. EPA Air Grants and Funding:

EPA's Office of Air and Radiation (OAR) announces competitive funding announcements for projects and programs relating to [air quality](#), [transportation](#), [climate change](#), [indoor air](#) and other related topics. Organizations that can apply (eligible entities) are typically based on the funding announcements' [authorizing statute](#) and [catalog of federal domestic assistance \(CFDA\)](#). [This page](#) provides access to information about current funding opportunities under 'Open Announcements' and also provides as a reference tool, all previously announced funding announcements listed below and in archives under 'Closed Announcements'.

More than \$889 million in funding and technical assistance is available for state, local, and tribal governments from the Department of Transportation (DOT), Environmental Protection Agency (EPA), Department of Energy (DOE), Federal Transportation Authority (FTA), Federal Emergency Management Authority (FEMA), Center for Disease Control (CDC), Fish and Wildlife Service (FWS), and Bureau of Indian Affairs (BIA) that can be used to support climate and energy initiatives, including economic development, sustainable communities, green infrastructure, and water efficiency. For full eligibility and application details, please visit the links provided below. **In addition, please visit**

the calendar of 2016 EPA grant opportunities that may be of particular interest to Tribal communities.

Climate Change/Energy

U.S. EPA's State and Local Climate and Energy Newsletter includes a calendar of 2016 EPA grant opportunities that may be of particular interest to Tribal communities.

DOE Makes Up to \$6 Million Available to Deploy Energy Efficiency and Clean Energy on Indian Lands

DOE expects to make approximately \$4 million to \$6 million of federal funding available for new awards under this funding opportunity announcement (FOA), subject to the availability of appropriated funds. The actual level of funding, if any, depends on congressional appropriations. DOE anticipates making approximately 6 to 10 awards under this FOA. On November 14, during the U.S. Department of Energy (DOE) Office of Indian Energy Program Review, Office Director Chris Deschene announced a new funding opportunity to install energy efficiency measures and deploy clean energy systems on Indian lands.

The application deadline is Feb. 7, 2017. [Learn more and apply.](#)
Informational Webinar

The Office of Indian Energy will host an informational webinar on **Dec. 1, 2016, at 1 p.m. Mountain Standard Time (MST)**, to provide potential applicants with information on the FOA. In addition to describing the FOA in detail, presenters will discuss who is eligible to apply, what an application needs to include, cost share and other requirements, how to ask questions, and how applications will be selected for funding. If you are unable to attend the webinar, it will be recorded and posted for later viewing.

[Register for the webinar.](#)

The DOE's Solar in Your Community Challenge offers \$5 million in cash prizes and technical assistance to improve solar electricity access to underserve communities across the country!

To spread the word to our communities and stakeholders, the DOE is hosting a webinar specifically for these communities in mind! The webinar will explain how the competition works and how communities with environmental justice concerns can participate. Informational Webinar on Thursday December 1st at 2PM EST. Register for the [webinar here](#): Learn more about the [Solar in Your Community Challenge here](#).

Please share this information with communities, state, local and tribal governments, and nonprofit organizations that may be interested in participating in this incredible opportunity.

USDA Seeks Applications for Loans and Grants that Support Renewable Energy, Energy Efficiency, and Conservation Innovation

The U.S. Department of Agriculture (USDA) has announced two energy- and conservation-related funding opportunities for which tribes may be eligible to apply.

USDA is encouraging rural small businesses and agricultural producers to apply for loans and grants to support renewable energy and energy efficiency projects through its Rural Energy for America Program (REAP). Applications are currently being accepted for: 1) energy audit and renewable energy development assistance grants, and 2) renewable energy system and energy efficiency guaranteed loans and grants.

The application deadline for energy audit and renewable energy development assistance grants is Jan. 31, 2017. Applications for renewable energy system and energy efficiency grants, all combination grants, and guaranteed loans are due by March 31, 2017. More information, including a link to application materials and submission procedures, can be found on the [USDA website](#).

New Energy Efficiency Competition to Assist Remote Alaskan Communities with Energy Challenges

The U.S. Department of Energy's (DOE's) Office of Indian Energy

and Office of Energy Efficiency and Renewable Energy (EERE) issued a Notice of Technical Assistance (NOTA) to significantly accelerate efforts by remote Alaskan communities to adopt sustainable energy strategies. The Remote Alaskan Communities Energy Efficiency Competition will empower Alaskan communities and Alaska Native villages to develop effective tools to advance the use of reliable, affordable, and energy efficient solutions that are replicable throughout Alaska and other Arctic regions. [Learn more about the competition and how to apply.](#)

USDA: The FY 2016 Agriculture and Food Research Initiative (AFRI) Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area Request for Application (RFA) is now available for public viewing. Please review the links below and verify the information is accurate. Please let me know if you have questions or concerns.

NIFA Funding Opportunity Page: <https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-agriculture-and-natural-resources>.

[Grants.gov Page: http://www.grants.gov/web/grants/view-opportunity.html?oppld=285990](http://www.grants.gov/web/grants/view-opportunity.html?oppld=285990). This page includes a synopsis of the funding opportunity, a link to the full announcement (RFA) and the application package.

FY 17 Farm to School Grant Program (USDA)

The Healthy, Hunger-Free Kids Act of 2010 (HHFKA) amended Section 18 of the Richard B. Russell National School Lunch Act (NSLA) to establish a Farm to School Program in order to assist eligible entities, through grants and technical assistance, in implementing farm to school programs that improve access to local foods in eligible schools. To fulfill the farm to school mandate in the HHFKA, \$5 million is provided to the USDA on an annual basis to support grants, technical assistance, and the Federal administrative costs related to USDA's Farm to School Program. Eligibility includes Indian tribal organizations and schools. Funding opportunity #USDA-FNS-F2S-2017. Deadline: 12/08/16.

[2017 Saltonstall-Kennedy Competitive Research Program \(Dept. of Commerce\)](#)

The objective of the S-K Grant Program is to address the needs of the fisheries and fishing communities in optimizing economic benefits by building and maintaining sustainable fisheries and practices, dealing with the impacts of conservation and management measures, and increasing other opportunities to use existing infrastructure to support keeping working waterfronts viable. Proposals submitted to this competition must address at least one of the following priorities: Marine Aquaculture; Fisheries Data Collection; Techniques for Reducing Bycatch and other Adverse Impacts; Adapting to Climate Change and Other Long Term Ecosystem Change; Promotion, Development and Marketing; Socio-Economic Research; and Territorial Science. Eligibility includes Indian tribes. Funding opportunity # NOAA-NMFS-FHQ-2017-2004980. Deadline: 12/09/16.

FY17 Guidelines for Brownfields Cleanup Grants (EPA)

EPA's Brownfields Program provides funds to empower states, communities, tribes, and nonprofits to prevent, inventory, assess, clean up, and reuse brownfield sites. Under these guidelines, EPA is seeking proposals for Cleanup Grants only. Eligibility includes Indian tribe other than in Alaska (per CERCLA104 (k) (1). Deadline: 12/20/16.

WaterSMART: Development of Feasibility Studies under the Title XVI Water Reclamation and Reuse Program (FY) 2017 (BOR)

The objective of this FOA is to invite applicants to cost share the development of new water reuse feasibility studies. Water reclamation and reuse projects provide growing communities with new sources of clean water while promoting water and energy efficiency and environmental stewardship. Eligibility includes Indian tribes or tribal organizations. Funding opportunity #BOR-DO-17-F003. Deadline: 01/05/16.

FY17 Coral Reef Conservation Program, Domestic Coral Reef Conservation Grants (NOS, NOAA, Department of Commerce)

This funding opportunity is soliciting applications intended to support coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths, in American Samoa, the Commonwealth of the Northern Mariana Islands, Florida, Guam, Hawaii, Puerto Rico, the U.S. Virgin Islands, and coral-dominated banks in the U.S. portions of the Gulf of Mexico. Eligibility includes federally recognized Indian tribal governments. Funding opportunity # NOAA-NOS-OCM-2017-2005011. Deadline: 01/11/17.

FY 2017 National Climate Change & Wildlife Center Program (Geological Survey)

This program was created to ensure that the National Climate Change and Wildlife Science Center is responsive to the research and management needs of Federal and State agencies to provide science and technical support regarding the impacts of climate change in fish, wildlife, plants and ecological processes. National coordination of research and modeling at regional centers will ensure uniformity of downscaling and forecasting models and standardized information to support management of fish and wildlife resources and regional partnership collaborations. The CSC's will provide access to the expertise at cooperating universities and supports the mission of the program. Eligibility: Unrestricted. Funding opportunity # G16AS00129. Deadline: 01/12/17.

NOAA Climate Program Office FY2017 - Understanding Climate Impacts on Fish Stocks and Fisheries to Inform Sustainable Management (Dept. of Commerce)

The goal is to inform sustainable fisheries management and promote resilience of the nation's fish stocks and fisheries in a changing climate. For FY17, this OAR/NMFS partnership, through the Coastal and Ocean Climate Applications (COCA) Program, will continue to take a regional approach to improving the resilience and adaptation of fisheries in a changing climate by soliciting proposals under two competitions. Eligibility includes Indian tribal governments. Funding opportunity # OAA-OAR-CPO-2017-2004998. Deadline: 01/30/17.

Indoor Air Quality

U.S. HUD - HUD recipients can request technical assistance on basically any subject, as long as is it related to NAHASDA. The requests come in to the ONAP Area Office, which typically considers whether the tribe has any other TA needs, and then assembles a TA request package for HQ to consider. From what I have been able to gather, training on indoor air issues has never been requested - but it could be. ONAP has contracts with certain TA providers for these TA requests. Those TA providers may subcontract as needed. The link below names the TA providers and discusses the process. A link to the ONAP CodeTalk

website is provided below in case you are interested in getting a better feel for ONAP's Area Office structure. TA process:

<http://portal.hud.gov/hudportal/documents/huddoc?id=onaptaannouce.pdf>

CodeTalk:

http://portal.hud.gov/hudportal/HUD?src=/program_offices/public_indian_housing/ih

Most Recent Listing: EPA Rules from the Federal Register

Contents of the Federal Register for Wednesday, November 23rd, 2016

(Past copies can be accessed [here](#)).

Rules

Air Quality State Implementation Plans; Approvals and Promulgations:

Arizona; Revised Format for Materials

FR Document: [2016-27685](#) Citation: 81 FR 85038 [PDF](#) Pages 85038-85098 (61 pages) [Permalink](#)

Findings of Failure to Attain the 1997 Fine Particulate Matter Standards; San Joaquin Valley, CA

FR Document: [2016-28100](#) Citation: 81 FR 84481 [PDF](#) Pages 84481-84483 (3 pages) [Permalink](#)

Florida; Infrastructure Requirements for the 2010 1-hour Nitrogen

Dioxide National Ambient Air Quality Standards

FR Document: [2016-28098](#) Citation: 81 FR 84479 [PDF](#) Pages 84479-84481 (3 pages) [Permalink](#)

Notices

Administrative Cost Recovery Settlements:

CERCLA; Sharon Steel Corporation Superfund Site, Mercer County, PA

FR Document: [2016-28262](#) Citation: 81 FR 84576 [PDF](#) Page 84576 (1 page)

[Permalink](#)

Agency Information Collection Activities; Proposals, Submissions, and Approvals:

Reformulated Gasoline Commingling Provisions

FR Document: [2016-28260](#) Citation: 81 FR 84577 [PDF](#) Pages 84577-84578 (2 pages) [Permalink](#)

Clean Air Act Operating Permit Program; Petitions:

Hu Honua Bioenergy Facility, LLC; Pepeekeo, Hawaii

FR Document: [2016-28268](#) Citation: 81 FR 84576 [PDF](#) Pages 84576-84577 (2 pages) [Permalink](#)

Meetings:

Federal Insecticide, Fungicide, and Rodenticide Act Scientific Advisory Panel

FR Document: [2016-28270](#) Citation: 81 FR 84577 [PDF](#) Page 84577 (1 page)

[Permalink](#)

Federal Interagency Steering Committee on Multimedia Environmental Modeling

FR Document: [2016-28261](#) Citation: 81 FR 84578 [PDF](#) Pages 84578-84579 (2 pages) [Permalink](#)

National Drinking Water Advisory Council

FR Document: [2016-28263](#) Citation: 81 FR 84576 [PDF](#) Page 84576 (1 page) [Permalink](#)

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www4.nau.edu/itep

To: Mckelvey, Laura[Mckelvey.Laura@epa.gov]
From: Andy Bessler
Sent: Tue 11/7/2017 10:37:35 PM
Subject: RE: Ozone Deisgnations

Perfect...will include in the weekly update...

Thanks!

Andy

Andy Bessler

Project Director



National Tribal Air Association

P.O. Box 15004

Flagstaff, AZ 86011

Office

Cell

Ex. 6

Fax 928-523-1266

www.ntaatribalair.org

From: Mckelvey, Laura [mailto:Mckelvey.Laura@epa.gov]
Sent: Tuesday, November 7, 2017 7:04 AM
To: Colon, Toni <Colon.Toni@epa.gov>; Andy Bessler <Andy.Bessler@nau.edu>
Subject: FW: Ozone Deisgnations

Subject: Ozone Deisgnations

The Administrator has signed the notice designating most of the country for the 2015 ozone standards. These include areas where there is agreement on the area designations. No nonattainment areas are included in today's action.

Please let your typical regional, state and tribal contacts know. A prepublication version of the notice is available at <https://www.epa.gov/ozone-designations/ozone-designations-regulatory-actions>.

We are in the process of emailing letters to the state governors and a group of impacted tribes to summarize today's action.

To: Angela Benedict (angela.benedict@srmt-nsn.gov)[angela.benedict@srmt-nsn.gov]; Bill.Thompson@Penobscotnation.org[Bill.Thompson@Penobscotnation.org]; Billie Toledo[billietoledo@pbnation.org]; air@lldrm.org[air@lldrm.org]; Brian Holter Jr. [brownfields@klawocktribe.org]; Carol Kriebs[carol.kriebs@sacfoxenviro.org]; Carolyn Kelly[ckelly@quinault.org]; CKreman@quapawtribe.com[CKreman@quapawtribe.com]; joywiecks@fdlrez.com[joywiecks@fdlrez.com]; greenleaf@kootenai.org[greenleaf@kootenai.org]; lweeks@nemont.net[lweeks@nemont.net]; [Ex. 6]
randya@cstk.org[randya@cstk.org]; Scott Hansen[Scott.hansen@catawbaindian.net]; sflensburg@bbna.com (sflensburg@bbna.com)[sflensburg@bbna.com]; Tiffany Janes[tjanes@pci-nsn.gov]; wilfred.nabahe@crit-nsn.gov[wilfred.nabahe@crit-nsn.gov]
Cc: Elaine Hale Wilson[Elaine.Wilson@nau.edu]; Childers, Pat[Childers.Pat@epa.gov]; Mehrdad.Khatibi@NAU.EDU[Mehrdad.Khatibi@NAU.EDU]; ann-marie.chischilly@nau.edu[ann-marie.chischilly@nau.edu]; Mckelvey, Laura[Mckelvey.Laura@epa.gov]; Colon, Toni[Colon.Toni@epa.gov]; Wilson, Erika[Wilson.Erika@epa.gov]; Jackson, Elizabeth[Jackson.Elizabeth@epa.gov]; Christopher J Lee[Christopher.Lee@nau.edu]; Griffin, Chris[Griffin.Chris@epa.gov]; Farsi, Farshid[Farsi.Farshid@epa.gov]; ITEP-T@LISTS.NAU.EDU[ITEP-T@LISTS.NAU.EDU]
From: Andy Bessler
Sent: Mon 11/21/2016 11:49:26 PM
Subject: Draft NTAA Weekly Update
11.23.16NTAAWeeklyUpdate.docx

Hello Everyone:

Please find the attached draft NTAA Weekly Update for your review and approval.

I am looking for a great photo to share if anyone has anything to share and I fear that there might be some more newsworthy action at the Dakota Access Pipeline site, so there might be some changes tomorrow...

In any case, I will be accepting any edits/revisions by 8am on Wednesday, Nov. 23rd and will publish it shortly thereafter.

Thanks,

Andy

Andy Bessler

Project Director



National Tribal Air Association

P.O. Box 15004

Flagstaff, AZ 86011-5004

Office:

Ex. 6

Cell:

Fax: 928-523-1266

www.ntaatribalair.org



National Tribal Air Association

NTAA Weekly Update

***Week of November 21st –
November 25th, 2016***

[If you have difficulty reading this email, click here to view it online.](#)

HAPPY THANKSGIVING FROM NTAA!

TOP STORIES

Washington Post - [Police defend use water cannons on Dakota Access protesters in freezing weather](#)

New York Times - [Navajo Youths Travel 1,000 Miles to Protest Power Plant Haze](#)

Washington Post - [EPA chief: Trump can't halt U.S. shift to clean energy](#)

Climate Central - [The Arctic is a Seriously Weird Place Right Now](#)

HEADLINES

Ambient Air Quality/EPA/NTAA/Tribes

AP – [Dakota Access Oil Pipeline Developer Won't Consider Reroute](#)

ABC News - [Leader of the Standing Rock Sioux Tribe Calls On Obama to Halt Pipeline Following Violent Clash](#)

Indian Country Today - [Grand Canyon Escalade: 'There's a Lot of Unknowns'](#)

Indian Country Today - [EPA Grants \\$62.6 Million to Tribes in Three States for Enviro Programs](#)

The Times Standard - [Blue Lake Power under fire from residents, tribe over alleged pollution violations](#)

Skagit Valley Herald - [Shell refinery faces another fine for 2015 emissions incident](#)

Indianz.com - [Tribal Nations Buy Bear Butte Land](#)

National Association of Clean Air Agencies - [Washington Update](#)

Climate Change/Energy

New York Times - [Diplomats Confront New Threat to Paris Climate Pact: Donald Trump](#)

New York Times - [Trump Has Called Climate Change a Chinese Hoax. Beijing Says It Is Anything But.](#)

Washington Post - [On its way out, Obama administration moves to slam the door shut on Arctic drilling](#)

Washington Post - [Obama administration cancels oil and gas leases on Blackfoot tribe's sacred grounds](#)

Courthouse News - [States Join in Fight Over Feds' Gas-Venting Restrictions](#)

Climate Central - [Sticking to 1.5°C Limit Would Protect World Economy](#)

Toxics/Mobile Sources

Indian Country Today - [Colville Tribes Await \\$8.3 Million Settlement From Teck Metals as Mining Company Appeals Damages](#)

Indianz.com - [Pala Band pays \\$13M to protect sacred land from landfill project](#)

The Hill - [Volkswagen cuts 30K jobs after emissions cheating scandal](#)

Indoor Air Quality

Photo from the field

UPCOMING CALLS/EVENTS

Ambient Air Quality/EPA/NTAA

Greetings from the Tribal Air Monitoring Support (TAMS) Center Steering Committee. As a Steering Committee comprised of Tribal environmental representatives from different regions of the country, we are announcing the TAMS Center Technical Needs Assessment to aid the TAMS Center to better understand the air quality technical support needs and priorities of Tribes. The link to the online questionnaire form is at <http://www7.nau.edu/itep/main/tamsNA/>.

The Technical Needs Assessment will be open until March 10, 2017. The Steering Committee plans on providing the results of the Technical Needs Assessment at the 2017 National Tribal Forum.

U.S. EPA Webinar: Proposed rule: Implementation of the 2015 National Ambient Air Quality Standards (NAAQS) for Ozone: Nonattainment Area Classifications and State Implementation Plan Requirements on Wednesday, December 7, 2016 at 2:00 – 3:30 PM Eastern Time; Link to Join Webinar: <https://epawebconferencing.acms.com/nonattainment-sip>

Description: On November 2, 2016, EPA proposed requirements that would apply to state, local, and tribal air agencies for implementing the 2015 NAAQS for ground-level ozone. The EPA revised both the health-based and welfare-based standards for ozone on October 1, 2015. This proposed action largely retains and updates the implementing regulations that apply for the 2008 ozone NAAQS, for purposes of the 2015 ozone standards, which creates stability in the planning process. This action also proposes two options for revoking the 2008 ozone NAAQS. The EPA is also seeking comment on a number of additional topics, including: (1) managing emissions from wildfires and wildland prescribed fires; (2) transportation conformity and general conformity; (3) contingency measures; (4) international transport and background ozone; and (5) additional policies for achieving emissions reductions. This webinar is intended to provide highlights of the proposed rule and address clarifying questions. To download a copy of the proposed rule or for more information go to <https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state>.

U.S. EPA Announced an Extension of Public Comment Period for the Draft General Permit under the Clean Air Act Federal Indian Country Minor New Source Review Program – Gasoline Dispensing Facilities

Extension of Comment Period: On September 30, 2016, the United States Environmental Protection Agency (EPA) provided notice of, and requested public comment on, the EPA's draft general permit for gasoline dispensing facilities for use in Indian country within California pursuant to the Clean Air Act (CAA) Federal Indian Country Minor New Source Review (NSR) program for new and modified minor sources at 40 CFR 49.151 through 49.161.

The EPA is extending the deadline for submitting comments on this action until January 31, 2017. Any person may submit written comments on the draft permit during the public comment period. These comments must raise any reasonably ascertainable issue with supporting arguments by the close of the public comment period. All written comments on the draft general permit must be received or postmarked by January 31, 2017. Comments must be sent or delivered in writing to Lisa Beckham at one of the following addresses: E-mail: R9airpermits@epa.gov. Online Docket: www.regulations.gov, Docket ID: EPA-R09-OAR-2016-0580. Send U.S. Mail to Lisa Beckham (AIR-3) U.S. EPA Region 9, 75 Hawthorne Street, San Francisco, CA 94105-3901

States' Ozone NAAQS Designation Recommendations Posted on EPA Website (November 9, 2016) – EPA has made available on its website the recommendations submitted by states and some tribes for area attainment and nonattainment designations under the 2015 National Ambient Air Quality Standard (NAAQS) for ozone. EPA promulgated the eight-hour ozone NAAQS of 70 parts per billion (ppb) on October 26, 2015, replacing the previous standard of 75 ppb. States were required to submit their area designation recommendations by October 2016. The recommendations are based on air quality data collected from 2013 to 2015. EPA will issue its final area designations by October 1, 2017. For further information: <https://www.epa.gov/ozone-designations/ozone-designationsregulatory-actions>

HOST SITES NEEDED FOR SUMMER INTERNSHIP PROGRAM - The Institute for Tribal Environmental Professionals – Environmental Education Outreach Program at Northern Arizona University in Flagstaff, Arizona is seeking air quality focused offices and programs to host a college student for an 8-week summer internship. Tribal environmental offices, EPA offices, and other tribal environmental organizations are encouraged to apply. The interns will be highly motivated undergraduate or graduate students majoring in environmental or related careers from different colleges and universities nationwide. ITEP

provides each student intern with a \$4,000 stipend, and limited housing and travel allowances. The host site provides a work place and supervision for the intern. The projects MUST focus on addressing air quality issues in tribal communities. Submit an application [online here](#). **Deadline: Apply by January 20, 2017.** For detailed information on the internship and requirements, visit our [internship web-site](#). For more information, contact ITEP Intern Coordinator at EEOP-INTERN@nau.edu.

U.S. EPA's Science to Achieve Results (STAR) Webinar Series: Black Carbon Friday, Dec. 9, 12 – 1:30 p.m. EST

[Click here to register for the webinar \(Registration is FREE!\):](#)

Black carbon is the sooty material emitted from combustion processes, and it can affect human health and the climate. Its role in the atmosphere is broad and complex. In 2010, the U.S. Environmental Protection Agency's (EPA) STAR program awarded ten grants to universities and organizations to address [Black Carbon's Role in Global to Local Scale Climate and Air Quality](#). Grantees focused on various black carbon research issues, such as better accounting for emissions and uncertainty, tracking how black carbon "ages" or reacts in the atmosphere, and better representing its ability to impact cloud droplet formation. Highlights from the research findings will be summarized in this four-part webinar series.

For more information, contact Sherri Hunt (hunt.sherri@epa.gov); 202-564-4486

The Institute for Tribal Environmental Professionals' (ITEP's) [Tribes and Climate Change Calendar](#) includes conferences, trainings, webinars and other events related to tribes and climate change. [Click here](#) for ITEP's other trainings and events. [Click here](#) for ITEP's new Tribal Environmental Management and Planning Online Courses. New courses have been added, so check it out!

[ITEP's 2016 AIAQTP Course Schedule](#)

ITEP's American Indian Air Quality Training Program Course Calendar:

Course Title	Dates	Location
2016		
Clean Air Act & Permitting	November 29-December 2	TAMS Center, Las Vegas, NV
Air Quality and IAQ in Alaska	December 6-9	Kotzebue, AK
Air Quality Project Planning, QAPPs, and Grants for Alaska	POSTPONED	Anchorage, AK
2017		
Air Quality Computations	January 24-27	Phoenix, AZ
Indoor Air Quality (IAQ) Diagnostic		TAMS Center, Las

Tools (for lower 48)		Vegas, NV
Air Quality and IAQ in Alaska	March 7-10	Koyukuk, AK
Air Pollution Technology	March 13-17	Flagstaff, AZ
Fundamentals of Air Monitoring (for lower 48)	April 4-6	TAMS Center, Las Vegas, NV
Management of Tribal Air Programs and Grants	April 25-28	Lawrence, KS
Introduction to Tribal Air Quality	June 6-9	Flagstaff, AZ
Quality Assurance (QA) Fundamentals	Open	Online
Building Performance: Improving Energy Efficiency & IAQ in Alaska	Open	Online
Radon Fundamentals	Open	Online
Emissions Inventory - Fundamentals	2017	Online
Emissions Inventory - Advanced	2017	Online
Disaster Planning for Air Quality	2017	Online

Note: This schedule is subject to change. [Click here](#) for up-to-date information, course descriptions, and applications. If you have questions regarding the pre-requisites or your eligibility for this course, please contact Patricia Ellsworth, Air Quality Curriculum Coordinator, at Patricia.Ellsworth@nau.edu or phone 928-523-6721. For more information, please visit [ITEP's website](#).

U.S. EPA/NTAA Air Policy Update Call – Thursday, January 26th, 2016 at 2:00 pm ET. To participate, please send your request to andy.bessler@nau.edu.

Climate Change/Energy

Webinar: [Projected expansion of the Southern Pine Beetle into Northern Forests](#) **November 30, 3:30-4:30 p.m. EST.** Offered by the NE-CSC. Radley Horton is an associate research scientist at the Center for Climate Systems Research at Columbia University. His research focuses on extreme weather events, the limitations of climate models, and adaptation to climate change. He currently teaches in Columbia University's Sustainable Development department.

Nov. 30 Tribal Renewable Energy Webinar: Energy and Economic Success Studies: The Office of Indian Energy, in partnership with Western Area

Power Administration, is hosting a free webinar entitled "Energy and Economic Success Stories" on Wednesday, Nov. 30, from 11 a.m. to 12:30 p.m. MST.

Through funding provided by DOE's Indian energy programs between 2002 and 2016, DOE invested nearly \$66.5 million in more than 200 tribal energy projects implemented across the contiguous 48 states and Alaska. This webinar will showcase how such projects have contributed to more than 18.5 megawatts of new tribal renewable energy generation capacity, lowered electricity bills for more than 2,500 tribal buildings and more than 29,000 tribal members, resulted in total cost savings of \$9 million to \$11 million annually, and contributed to sustainable, long-term economic growth for tribal communities. Discover how DOE grant recipients that have co-funded successful tribal energy projects have assessed the feasibility of energy efficiency projects and renewable energy installations, built the institutional capacity to manage their energy needs, and ultimately demonstrated the viability of clean energy on tribal lands. [Register for this webinar.](#)

Training: [Ocean Acidification "State of the Science"](#)

November 30 - December 01, Anchorage, AK. Offered by the NW-CSC. This is a 2-day workshop in Anchorage, inviting a broad audience across the state interested in ocean acidification issues.

Toxics/Mobile Sources

The NTAA VW Settlement Work Group call will be holding a monthly update call on Thursday, December 8th at 3 pm ET to provide updates on the VW Settlement to settle Clean Air Act violations. To join the work group and the call, please contact NTAA Project Director, Andy Bessler at andy.bessler@nau.edu.

There is an upcoming webinar on **Cooperative Agreements for Tribes working on Superfund sites**. Below please find the information on how to register for this webinar, which will be taking place December 7, 2016.

[Please register for Tribal Superfund Working Group webinar here](#) on Dec 7, 2016 11:00 AM PST at:

This webinar will be focused on Cooperative Agreements available to Tribes working on Superfund sites. Our presenters will be Christine Poore and Rafael Casanova from the USEPA. This is going to be the first of two webinars on this subject. We'll be holding the second one – which will feature tribal professionals

who have worked with various types of Cooperative Agreements – in January. This webinar is going to focus on the nuts and bolts of Cooperative Agreements and will be of great interest to all of you working on Superfund sites. We look forward to having you join us on December 7.

After registering, you will receive a confirmation email containing information about joining the webinar. For any questions, please contact Todd Barnell, Program Manager (todd.barnell@nau.edu) or Julie Jurkowski, Program Coordinator Senior (julie.jurkowski@nau.edu)

Indoor Air Quality

NTAA's Indoor Air Quality Work Group will hold its next call on Thursday, January 12th at 2 pm ET. To join the work group or the call, please contact NTAA Project Director Andy Bessler at andy.bessler@nau.edu.

NTAA has re-opened the Indoor Air Quality (IAQ) Needs Assessment for Indian Country! The NTAA IAQ Work Group has re-opened the IAQ Needs Assessment in hopes that more Tribes will complete the [on-line form found here!](#) In re-opening the IAQ needs assessment, NTAA hopes Tribes who have not previously completed this online form will do so now thus helping Tribal and Federal governmental leaders understand the extent of IAQ needs in Tribal communities. The IAQ Needs Assessment will remain open until **January 30th, 2017**. Please allow at least an hour to complete the IAQ Needs Assessment. For more information on the NTAA IAQ work group that created this needs assessment, please visit NTAA's [website here](#).

Please allocate at least 60 minutes to answer all the questions. When you are finished, simply click on the "submit" button at the end of the survey to ensure your answers are properly counted.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:
Codetalk Homepage:

- [National Tribal Air Association \(NTAA\) has re-opened the NTAA National Indoor Air Quality \(IAQ\) Needs Assessment for Indian Country Reminder](#)

RESOURCES

Now Hiring!

Office of Indian Energy Seeks Supervisory General Engineer

The Office of Indian Energy is seeking a general engineer to supervise and manage its Deployment Program, which provides education, human capacity building, technical assistance, and financial assistance to accelerate the deployment of energy solutions to rural and remote Indian Country. In addition to serving in a supervisory and management role, the successful candidate for this position will oversee collection and analysis of data to inform important policy changes and improvements relating to smart grid, demand response, and utility energy efficiency.

The posted position requires frequent travel throughout the United States, possibly during harsh and extreme weather conditions. Applications are due Tuesday, November 22. Learn more and apply for the position at USAJOBS.gov.

The Idaho Department of Environmental Quality is hiring for the position of Air Quality Program Manager, Analyst 4.

Open for Recruitment: September 6, 2016 - Open until further notice
Announcement # 07046012634
Salary Range: \$24.33 - \$30.27 -Plus Competitive Benefits!
Location(s): Lewiston, ID

The Lewiston Regional Office is hiring an Air Quality Program Manager to implement regional air quality protection programs and regional remediation programs. For more information, [click here](#).

The Tolowa Dee-ni' Nation (formerly Smith River Rancheria) will be accepting applications for the position of Natural Resources Director starting on October 17, 2016.

Applications will be accepted until the position is filled. Would like someone experienced with Tribal governments and EPA Programs. The [Application Link can be found here](#).

The Upper Snake River Tribes is hiring for the position of Environmental Program Director.

Salary is equivalent to a GS-9/11 pay grade, dependent upon experience. Full medical and dental coverage is provided. Generous life insurance and retirement (401k) benefits package. The Environmental Program Director will serve as the lead point person on environmental issues for the USRT Foundation. The Environmental Program Director is responsible for carrying out the environmental policy directives of the member tribes and reports directly to the USRT Executive Director, with assurance to program quality and accountability to advance the long term goals for the USRT Foundation and member tribes.
How to Apply

Candidates should submit: 1) cover letter outlining their related experience, 2) resume, and 3) contact information for three professional references. Materials may be e-mailed to info@usrtf.org or via mail to:

USRT Foundation

Environmental Program Director Search

413 W. Idaho Street, Suite 101

Boise, ID 83702

Review of applications begins November 4, 2016 and will remain open until filled.

Contact info@usrtf.org with additional questions.

The Arizona Chapter of The Nature Conservancy is recruiting for a *Land and Water Protection Manager – Southern AZ*. This is a *Project Manager* position and is based in our Tucson Conservation Center.

The Land and Water Protection Manager – Southern AZ is responsible for implementing and achieving The Nature Conservancy's conservation priorities by initiating and completing real estate transactions in priority areas across Southern Arizona, with a focus on transfers to conservation partners. The Protection Manager represents the Conservancy in relationships and negotiations with private land owners, government agencies, public and private funders, land trust partners and community-based organizations. S/he assists in securing public and private funds for land and water protection and in creatively structuring individual transactions.

You can find the posting on TNC's careers page – search for Job ID# 44816: Please share this outreach and encourage anyone that you see as a good candidate to apply for the position! **The deadline to apply is November 28, 2016.**

Ambient Air Quality/EPA/NTAA

The EROS (Ecological Responses and Outreach Subcommittee) of the National Atmospheric Deposition Program has just published a brand new educational booklet on Nitrogen Deposition: where it comes from, what it does to ecosystems, how it is measured, and information about the NADP. It is intended for general audiences, probably starting at about 8th grade. [Click here for a copy.](#)

EPA's Public Engagement Highlights is a weekly e-newsletter produced by EPA's Office of Public Engagement which summarizes some of the latest important Agency actions. It's where you can learn about various ways you can engage with EPA and find the Agency's latest blog posts, videos, and additional resources.

Signing up for the e-newsletter is easy! Just visit the [EPA Public](#)

Engagement Highlights website where the most recent editions are available and enter your email in the e-newsletter sign up box located on the upper right. The resulting New Subscriber page will list all available EPA Topics, with “Public Engagement Highlights Newsletter” checked towards the bottom of the page. When setting up your profile, you can select additional subscription topics offered by EPA. You can always unsubscribe at any time.

Climate Change/Energy

ITEP's Tribal Climate Change Newsletter: This monthly newsletter provides news items, resources, announcements about funding opportunities, conferences, and training, and other information relevant to tribal climate change issues.

Article: Forest Adaptation Resources: Climate Change Tools and Approaches for Land Managers, 2nd Edition

Forests across the United States are expected to undergo numerous changes in response to the changing climate. This second edition of the Forest Adaptation Resources provides a collection of resources designed to help forest managers incorporate climate change considerations into management and devise adaptation tactics.

Book: This Changes Everything

Author Naomi Klein, tackles the most profound threat humanity has ever faced: the war our economic model is waging against life on earth. Klein exposes the myths that are clouding the climate debate. We have been told the market will save us, when in fact the addiction to profit and growth is digging us in deeper every day.

Climate Change Adaptation: Traditional Knowledge of Indigenous Peoples Inhabiting the Arctic and Far North (UNESCO)

This website has been developed by the UNESCO Institute for Information Technologies in Education within a project “A Networked System of Open Indigenous Knowledge Resources for Climate Change Mitigation and Adaptation in Polar Regions” funded by the UNESCO Intersectoral Platform “UNESCO’s contribution to climate change mitigation and adaptation”. It contains multimedia modules with interdisciplinary complex of indigenous knowledge related to mitigation and adaptation to environmental changes in the regions that have similar climate and face similar environmental problems in the Far North of Russia.

Video: Climate Change and Your Health (Western North Carolina Public Radio) WCQS’s Helen Chickering talks with a physician who is spending the second half

of his career as a climate change health advocate and a local research scientist who studies the impact of climate change on public health and co-authored the first comprehensive scientific report assessing the health effects of climate change in the U.S. 2min 10sec.

Video: [Red Power Energy](#)

Tribal lands are the microcosm of today's controversial energy debate. Between the fears that fossil fuels cause climate change and the hope that renewable energy can save the planet, lies the complex reality of American Indian reservations grappling with the balance of culture verse progress, poverty verse new-found wealth, and the fate of the environment. Uniquely intimate, provocative and told from the Native perspective, with a nearly all-Native film crew and all-Native Advisory Council, Red Power Energy is a multi-media documentary that combines engaging storytelling with in-depth journalism. Featured are Western and Great Plains American Indian tribes in North Dakota, South Dakota, Montana, Wyoming and Colorado.

Indoor Air Quality

On August 31st, 2016, the National Tribal Air Association endorsed and now supports the National Radon Action Plan. NTAA joins the American Lung Association, EPA and many others to work to reduce radon risk in 5 million homes and saving 3,200 lives annually by 2020. [Click here to learn more about the National Radon Action Plan](#) and be sure to use NTAA's template form to submit your own Tribe's endorsement of the National Radon Action Plan.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:
[Codetalk Homepage:](#)

FUNDING OPPORTUNITIES

Ambient Air Quality/EPA/NTAA

The Alaska Native Tribal Health Consortium (ANTHC) announces the FY2017 ANTHC Air Quality Sub-Award Request for Proposals (RFP).

Please submit your completed Sub-Award applications to either AJ Salkoski (ajsalkoski@anthc.org) or Lacey Walsh (lmwalsh@anthc.org). Applications can also be submitted via fax at (907) 729-4044 c/o AJ Salkoski.

These grants are competitive and unfortunately not everyone who applies will be awarded. If you have any questions about grant ideas, eligibility, or need additional

information, please do not hesitate to contact Lacey Walsh at (907) 729-5609 or AJ Salkoski at (907) 729-4518. For more information, visit the [ANTHC Tribal Air Quality Program](#).

U.S. EPA Air Grants and Funding:

EPA's Office of Air and Radiation (OAR) announces competitive funding announcements for projects and programs relating to [air quality](#), [transportation](#), [climate change](#), [indoor air](#) and other related topics. Organizations that can apply (eligible entities) are typically based on the funding announcements' [authorizing statute](#) and [catalog of federal domestic assistance \(CFDA\)](#). **This page** provides access to information about current funding opportunities under 'Open Announcements' and also provides as a reference tool, all previously announced funding announcements listed below and in archives under 'Closed Announcements'.

More than \$889 million in funding and technical assistance is available for state, local, and tribal governments from the Department of Transportation (DOT), Environmental Protection Agency (EPA), Department of Energy (DOE), Federal Transportation Authority (FTA), Federal Emergency Management Authority (FEMA), Center for Disease Control (CDC), Fish and Wildlife Service (FWS), and Bureau of Indian Affairs (BIA) that can be used to support climate and energy initiatives, including economic development, sustainable communities, green infrastructure, and water efficiency. For full eligibility and application details, please visit the links provided below. **In addition, please visit the [calendar of 2016 EPA grant opportunities](#) that may be of particular interest to Tribal communities.**

Climate Change/Energy

U.S. EPA's State and Local Climate and Energy Newsletter includes a [calendar of 2016 EPA grant opportunities](#) that may be of particular interest to Tribal communities.

DOE Makes Up to \$6 Million Available to Deploy Energy Efficiency and Clean Energy on Indian Lands

DOE expects to make approximately \$4 million to \$6 million of federal funding available for new awards under this funding opportunity announcement (FOA), subject to the availability of appropriated funds. The actual level of funding, if any, depends on congressional appropriations. DOE anticipates making approximately 6 to 10 awards under this FOA. On November 14, during the U.S.

Department of Energy (DOE) Office of Indian Energy Program Review, Office Director Chris Deschene announced a new funding opportunity to install energy efficiency measures and deploy clean energy systems on Indian lands.

The application deadline is Feb. 7, 2017. [Learn more and apply.](#)

Informational Webinar

The Office of Indian Energy will host an informational webinar on **Dec. 1, 2016, at 1 p.m. Mountain Standard Time (MST)**, to provide potential applicants with information on the FOA. In addition to describing the FOA in detail, presenters will discuss who is eligible to apply, what an application needs to include, cost share and other requirements, how to ask questions, and how applications will be selected for funding. If you are unable to attend the webinar, it will be recorded and posted for later viewing.

[Register for the webinar.](#)

USDA Seeks Applications for Loans and Grants that Support Renewable Energy, Energy Efficiency, and Conservation Innovation

The U.S. Department of Agriculture (USDA) has announced two energy- and conservation-related funding opportunities for which tribes may be eligible to apply.

USDA is encouraging rural small businesses and agricultural producers to apply for loans and grants to support renewable energy and energy efficiency projects through its Rural Energy for America Program (REAP). Applications are currently being accepted for: 1) energy audit and renewable energy development assistance grants, and 2) renewable energy system and energy efficiency guaranteed loans and grants.

The application deadline for energy audit and renewable energy development assistance grants is Jan. 31, 2017. Applications for renewable energy system and energy efficiency grants, all combination grants, and guaranteed loans are due by March 31, 2017. More information, including a link to application materials and submission procedures, can be found on the [USDA website](#).

New Energy Efficiency Competition to Assist Remote Alaskan Communities with Energy Challenges

The U.S. Department of Energy's (DOE's) Office of Indian Energy and Office of Energy Efficiency and Renewable Energy (EERE) issued a Notice of Technical Assistance (NOTA) to significantly accelerate efforts by remote Alaskan communities to adopt sustainable energy strategies. The Remote Alaskan Communities Energy Efficiency Competition will empower Alaskan communities and Alaska Native villages to develop effective tools to advance the use of reliable, affordable, and energy efficient solutions that are replicable throughout Alaska and

other Arctic regions. [Learn more about the competition and how to apply.](#)

USDA: The FY 2016 Agriculture and Food Research Initiative (AFRI) Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area Request for Application (RFA) is now available for public viewing. Please review the links below and verify the information is accurate. Please let me know if you have questions or concerns.

NIFA Funding Opportunity Page: <https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-agriculture-and-natural-resources>.

Grants.gov Page: <http://www.grants.gov/web/grants/view-opportunity.html?oppId=285990>. This page includes a synopsis of the funding opportunity, a link to the full announcement (RFA) and the application package.

FY 17 Farm to School Grant Program (USDA)

The Healthy, Hunger-Free Kids Act of 2010 (HHFKA) amended Section 18 of the Richard B. Russell National School Lunch Act (NSLA) to establish a Farm to School Program in order to assist eligible entities, through grants and technical assistance, in implementing farm to school programs that improve access to local foods in eligible schools. To fulfill the farm to school mandate in the HHFKA, \$5 million is provided to the USDA on an annual basis to support grants, technical assistance, and the Federal administrative costs related to USDA's Farm to School Program. Eligibility includes Indian tribal organizations and schools. Funding opportunity #USDA-FNS-F2S-2017. Deadline: 12/08/16.

2017 Saltonstall-Kennedy Competitive Research Program (Dept. of Commerce)

The objective of the S-K Grant Program is to address the needs of the fisheries and fishing communities in optimizing economic benefits by building and maintaining sustainable fisheries and practices, dealing with the impacts of conservation and management measures, and increasing other opportunities to use existing infrastructure to support keeping working waterfronts viable. Proposals submitted to this competition must address at least one of the following priorities: Marine Aquaculture; Fisheries Data Collection; Techniques for Reducing Bycatch and other Adverse Impacts; Adapting to Climate Change and Other Long Term Ecosystem Change; Promotion, Development and Marketing; Socio-Economic Research; and Territorial Science. Eligibility includes Indian tribes. Funding opportunity # NOAA-NMFS-FHQ-2017-2004980. Deadline: 12/09/16.

FY17 Guidelines for Brownfields Cleanup Grants (EPA)

EPA's Brownfields Program provides funds to empower states, communities,

tribes, and nonprofits to prevent, inventory, assess, clean up, and reuse brownfield sites. Under these guidelines, EPA is seeking proposals for Cleanup Grants only. Eligibility includes Indian tribe other than in Alaska (per CERCLA104 (k) (1). Deadline: 12/20/16.

WaterSMART: Development of Feasibility Studies under the Title XVI Water Reclamation and Reuse Program (FY) 2017 (BOR)

The objective of this FOA is to invite applicants to cost share the development of new water reuse feasibility studies. Water reclamation and reuse projects provide growing communities with new sources of clean water while promoting water and energy efficiency and environmental stewardship. Eligibility includes Indian tribes or tribal organizations. Funding opportunity #BOR-DO-17-F003. Deadline: 01/05/16.

FY17 Coral Reef Conservation Program, Domestic Coral Reef Conservation Grants (NOS, NOAA, Department of Commerce)

This funding opportunity is soliciting applications intended to support coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths, in American Samoa, the Commonwealth of the Northern Mariana Islands, Florida, Guam, Hawaii, Puerto Rico, the U.S. Virgin Islands, and coral-dominated banks in the U.S. portions of the Gulf of Mexico. Eligibility includes federally recognized Indian tribal governments. Funding opportunity # NOAA-NOS-OCM-2017-2005011. Deadline: 01/11/17.

FY 2017 National Climate Change & Wildlife Center Program (Geological Survey)

This program was created to ensure that the National Climate Change and Wildlife Science Center is responsive to the research and management needs of Federal and State agencies to provide science and technical support regarding the impacts of climate change in fish, wildlife, plants and ecological processes. National coordination of research and modeling at regional centers will ensure uniformity of downscaling and forecasting models and standardized information to support management of fish and wildlife resources and regional partnership collaborations. The CSC's will provide access to the expertise at cooperating universities and supports the mission of the program. Eligibility: Unrestricted. Funding opportunity # G16AS00129. Deadline: 01/12/17.

NOAA Climate Program Office FY2017 - Understanding Climate Impacts on Fish Stocks and Fisheries to Inform Sustainable Management (Dept. of Commerce)

The goal is to inform sustainable fisheries management and promote resilience of

the nation's fish stocks and fisheries in a changing climate. For FY17, this OAR/NMFS partnership, through the Coastal and Ocean Climate Applications (COCA) Program, will continue to take a regional approach to improving the resilience and adaptation of fisheries in a changing climate by soliciting proposals under two competitions. Eligibility includes Indian tribal governments. Funding opportunity # OAA-OAR-CPO-2017-2004998. Deadline: 01/30/17.

Indoor Air Quality

U.S. HUD - HUD recipients can request technical assistance on basically any subject, as long as is it related to NAHASDA. The requests come in to the ONAP Area Office, which typically considers whether the tribe has any other TA needs, and then assembles a TA request package for HQ to consider. From what I have been able to gather, training on indoor air issues has never been requested - but it could be. ONAP has contracts with certain TA providers for these TA requests. Those TA providers may subcontract as needed. The link below names the TA providers and discusses the process. A link to the ONAP CodeTalk website is provided below in case you are interested in getting a better feel for ONAP's Area Office structure. TA process:

<http://portal.hud.gov/hudportal/documents/huddoc?id=onaptaannouce.pdf>

CodeTalk:

http://portal.hud.gov/hudportal/HUD?src=/program_offices/public_indian_housing/ih

Most Recent Listing: EPA Rules from the Federal Register

Contents of the Federal Register for Wednesday, November 23rd, 2016
(Past copies can be accessed [here](#)).

Rule

You have received this email as a subscriber to the NTAA Weekly Update. To unsubscribe or modify your subscriptions, click the appropriate link below:

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To: NTAA@LISTS.NAU.EDU[NTAA@LISTS.NAU.EDU]
From: NTAA
Sent: Wed 11/16/2016 4:09:11 PM
Subject: NTAA Weekly Update, November 16, 2016



National Tribal Air Association

NTAA Weekly Update

*Week of November 14th –
November 18th, 2016*

If you have difficulty reading this email, click here to view it online.

TOP STORIES

Climate Central - [Climate Lawsuit Awaits President Trump](#)

New York Times - [New Type of Emissions Cheating Software May Lurk in Audis](#)

New York Times - [Trump's Climate Contrarian: Myron Ebell Takes On the E.P.A.](#)

Washington Post - [Obama's government just released a new oil and gas rule — and Trump's may not like it much](#)

HEADLINES

Ambient Air Quality/EPA/NTAA/Tribes

Washington Post - Trump could roll back Obama rules on methane, a potent greenhouse gas

Roll Call - House Republicans to Obama Administration: No New Regulations

Indian Country Today - First Nations and Environmental Groups Launch Legal Action against Trudeau Approval of Massive LNG Facility

Marysville Globe - Marysville Mayor, Tulalip Tribal Chair join citizens' call to 'stop the stench'

The State News - MSU engineering group develops detection method for air pollution

Science Daily - Pollution emitted near equator has biggest impact on global ozone

National Association of Clean Air Agencies - Washington Update

Climate Change/Energy

Washington Post - Obama administration to cancel oil and gas leases on

Blackfeet tribe's sacred grounds

Washington Post - Stunningly good news for the planet: Carbon emissions were flat for the third straight year

New York Times - Donald Trump Could Put Climate Change on Course for 'Danger Zone'

NBC News - What Will a Trump Presidency Mean for the Dakota Access Pipeline?

Yale Environment 360 - At Standing Rock, A Battle Over Fossil Fuels and Land

The Seattle Times - There's a reason few even knew the Dakota Access Pipeline was being built

The Seattle Times - Washington state alliance to push a reworked carbon-tax proposal

Climate Central - La Niña Arrives, Likely to Exacerbate Southern Drought

Climate Central - 2016 Will Be Hottest Year, UN Climate Meeting Told

Climate Central - States May Drive U.S. Climate Policy Under Trump

Toxics/Mobile Sources

Salt Lake Tribune - [Southeastern Utah tribe worries about contamination](#)

Indoor Air Quality

McKnight's - [Best approaches for maintaining indoor air quality](#)

Photo from the field

NBC News - [Scores Arrested in Dakota Access Pipeline Protests Nationwide](#)



Protesters of the Dakota Access Pipeline chant, "This is our future, this is our drinking water" at a

UPCOMING CALLS/EVENTS

Ambient Air Quality/EPA/NTAA

States' Ozone NAAQS Designation Recommendations Posted on EPA Website (November 9, 2016) – EPA has made available on its website the recommendations submitted by states and some tribes for area attainment and nonattainment designations under the 2015 National Ambient Air Quality Standard (NAAQS) for ozone. EPA promulgated the eight-hour ozone NAAQS of 70 parts per billion (ppb) on October 26, 2015, replacing the previous standard of 75 ppb. States were required to submit their area designation recommendations by October 2016. The recommendations are based on air quality data collected from 2013 to 2015. EPA will issue its final area designations by October 1, 2017. For further information: <https://www.epa.gov/ozone-designations/ozone-designationsregulatory-actions>

HOST SITES NEEDED FOR SUMMER INTERNSHIP PROGRAM - The Institute for Tribal Environmental Professionals – Environmental Education Outreach Program at Northern Arizona University in Flagstaff, Arizona is seeking air quality focused offices and programs to host a college student for an 8-week summer internship. Tribal environmental offices, EPA offices, and other tribal environmental organizations are encouraged to apply. The interns will be highly motivated undergraduate or graduate students majoring in environmental or related careers from different colleges and universities nationwide. ITEP provides each student intern with a \$4,000 stipend, and limited housing and travel allowances. The host site provides a work place and supervision for the intern. The projects **MUST** focus on addressing air quality issues in tribal communities. Submit an application [online here](#). **Deadline: Apply by January 20, 2017.** For detailed information on the internship and requirements, visit our [internship web-site](#). For more information, contact

ITEP Intern Coordinator at EEOP-INTERN@nau.edu.

U.S. EPA's Science to Achieve Results (STAR) Webinar Series: Black Carbon

Monday, Nov. 21, 12 – 1 p.m. EST

Friday, Dec. 9, 12 – 1:30 p.m. EST

[Click here to register for the webinar \(Registration is FREE!\):](#)

Black carbon is the sooty material emitted from combustion processes, and it can affect human health and the climate. Its role in the atmosphere is broad and complex. In 2010, the U.S. Environmental Protection Agency's (EPA) STAR program awarded ten grants to universities and organizations to address [Black Carbon's Role in Global to Local Scale Climate and Air Quality](#). Grantees focused on various black carbon research issues, such as better accounting for emissions and uncertainty, tracking how black carbon "ages" or reacts in the atmosphere, and better representing its ability to impact cloud droplet formation. Highlights from the research findings will be summarized in this four-part webinar series.

For more information, contact [Sherri Hunt](mailto:hunt.sherri@epa.gov) (hunt.sherri@epa.gov); 202-564-4486

EJSCREEN User Impact Survey: Share your story with us!

The Office of Environmental Justice at the Environmental Protection Agency (EPA) is excited to announce the launch of the [EJSCREEN User Impact Survey](#)! Information collected will be used to catalogue the diverse ways people are using EJSCREEN to support their analysis of environmental justice concerns in their own personal and professional lives. Survey responses will also help EPA to identify opportunities to continue developing and improving this tool.

Learn more about the survey in [The 'So What?' of EJSCREEN](#), on [EPA's Environmental Justice in Action Blog](#), by Hallah Elbeleidy. Enter your submission today for an opportunity to be featured on EJSCREEN's website!

For more information, contact: Hallah Elbeleidy | ORISE Fellow

OEJ | US Environmental Protection Agency 202.564.1559 or email
elbeleidy.hallah@epa.gov

The Institute for Tribal Environmental Professionals' (ITEP's) Tribes and Climate Change Calendar includes conferences, trainings, webinars and other events related to tribes and climate change. [Click here](#) for ITEP's other trainings and events. [Click here](#) for ITEP's new Tribal Environmental Management and Planning Online Courses. New courses have been added, so check it out!

ITEP's 2016 AIAQTP Course Schedule

ITEP's American Indian Air Quality Training Program Course Calendar:

Course Title	Dates	Location
2016		
Clean Air Act & Permitting	November 29-	TAMS Center, Las Vegas, NV
Air Quality and IAQ in Alaska	December 2	
Air Quality Project Planning, QAPPs, and Grants for Alaska	December 6-9	Kotzebue, AK
	POSTPONED	Anchorage, AK
2017		
Air Quality Computations	January 24-27	Phoenix, AZ
Indoor Air Quality (IAQ) Diagnostic Tools (for lower 48)	February 7-10	TAMS Center, Las Vegas, NV
Air Quality and IAQ in Alaska	March 7-10	Koyukuk, AK
Air Pollution Technology	March 13-17	Flagstaff, AZ
Fundamentals of Air Monitoring (for lower 48)	April 4-6	TAMS Center, Las Vegas, NV
Management of Tribal Air Programs and Grants	April 25-28	Lawrence, KS
Introduction to Tribal Air Quality	June 6-9	Flagstaff, AZ
Quality Assurance (QA) Fundamentals	Open	Online
Building Performance: Improving		

Energy Efficiency & IAQ in Alaska		
Radon Fundamentals	Open	Online
Emissions Inventory - Fundamentals	2017	Online
Emissions Inventory - Advanced	2017	Online
Disaster Planning for Air Quality	2017	Online

Note: This schedule is subject to change. [Click here](#) for up-to-date information, course descriptions, and applications. If you have questions regarding the pre-requisites or your eligibility for this course, please contact Patricia Ellsworth, Air Quality Curriculum Coordinator, at Patricia.Ellsworth@nau.edu or phone 928-523-6721. For more information, please visit [ITEP's website](#).

U.S. EPA/NTAA Air Policy Update Call – Thursday, November 17th, 2016 at 2:00 pm ET. To participate, please send your request to andy.bessler@nau.edu.

Climate Change/Energy

Applying Indigenuity: Native Communities Adapting to Weather Extremes and Climate Variability. Join us for Webinar #2 on November 16, 2016 at 2:00 PM Central Time. [Register here](#). Only the first 100 attendees can be seated in the live webinar. For those who missed AI Webinar #1 or would like to see it again [here](#).

Webinar: [An Integrated Ecosystem Model of the South Atlantic Bight](#) **November 17, 11:00 - 12:00 p.m.** Offered by the South Atlantic LCC. Tom Okey of the University of Victoria is the featured speaker of this month's Third-Thursday Web Forum.

Webinar: [North Central U.S. Climate Summary and Outlook Webinar](#) **November 17, 1:00-2:00 p.m. CDT.** Offered by the High Plains RCC. The

focus of these presentations is the north central portion of the U.S. that generally stretches from the Great Lakes/Ohio River Basin to the Rockies. There will be time at the end of the presentation for questions. Please note, you need only to sign up once for all of the 2016 monthly.

Webinar: Projected expansion of the Southern Pine Beetle into Northern Forests

November 30, 3:30-4:30 p.m. EST. Offered by the NE-CSC. Radley Horton is an associate research scientist at the Center for Climate Systems Research at Columbia University. His research focuses on extreme weather events, the limitations of climate models, and adaptation to climate change. He currently teaches in Columbia University's Sustainable Development department.

Training: Ocean Acidification "State of the Science"

November 30 - December 01, Anchorage, AK. Offered by the NW-CSC. This is a 2-day workshop in Anchorage, inviting a broad audience across the state interested in ocean acidification issues.

Toxics/Mobile Sources

There is an upcoming webinar on **Cooperative Agreements for Tribes working on Superfund sites**. Below please find the information on how to register for this webinar, which will be taking place December 7, 2016.

Please register for Tribal Superfund Working Group webinar here on Dec 7, 2016 11:00 AM PST at:

This webinar will be focused on Cooperative Agreements available to Tribes working on Superfund sites. Our presenters will be Christine Poore and Rafael Casanova from the USEPA. This is going to be the first of two webinars on this subject. We'll be holding the second one – which will feature tribal professionals who have worked with various types of Cooperative Agreements – in January. This webinar is going to focus on the nuts and bolts of Cooperative Agreements and will be of great interest to all of you working on Superfund sites. We look forward to having you join us on December 7.

After registering, you will receive a confirmation email containing

information about joining the webinar. For any questions, please contact Todd Barnell, Program Manager (todd.barnell@nau.edu) or Julie Jurkowski, Program Coordinator Senior (julie.jurkowski@nau.edu)

Indoor Air Quality

NTAA has re-opened the Indoor Air Quality (IAQ) Needs Assessment for Indian Country! The NTAA IAQ Work Group has re-opened the IAQ Needs Assessment in hopes that more Tribes will complete the [on-line form found here](#)! In re-opening the IAQ needs assessment, NTAA hopes Tribes who have not previously completed this online form will do so now thus helping Tribal and Federal governmental leaders understand the extent of IAQ needs in Tribal communities. The IAQ Needs Assessment will remain open until **January 30th, 2017**. Please allow at least an hour to complete the IAQ Needs Assessment. For more information on the NTAA IAQ work group that created this needs assessment, please visit NTAA's [website here](#).

Please allocate at least 60 minutes to answer all the questions. When you are finished, simply click on the "submit" button at the end of the survey to ensure your answers are properly counted.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:

Codetalk Homepage:

● [National Tribal Air Association \(NTAA\) has re-opened the NTAA National Indoor Air Quality \(IAQ\) Needs Assessment for Indian Country](#)
[Reminder](#)

RESOURCES

Now Hiring!

The Idaho Department of Environmental Quality is hiring for the position of Air Quality Program Manager, Analyst 4.

Open for Recruitment: September 6, 2016 - Open until further notice
Announcement # 07046012634

Salary Range: \$24.33 - \$30.27 -Plus Competitive Benefits!

Location: Lewiston, ID

The Lewiston Regional Office is hiring an Air Quality Program Manager to implement regional air quality protection programs and regional remediation programs. For more information, [click here](#).

The Bureau of Indian Affairs (BIA), Navajo Region, Branch of Wildland Fire and Aviation (BWFM) is hiring seasonal and temporary positions for the following sections; Hotshots, Helitack, and Engines. If you are a highly motivated, physically fit, dedicated individual and are an avid outdoor person, wildland fire maybe for you. To assist with hiring, Navajo Region will have a booth set up at NAU Natural Resources Fair to assist students with correctly applying for wildland firefighting jobs. Fire managers will be on hand to assist people with improving resumes, writing and submitting applications and are ready to answer any questions. WHEN: Thursday, November 17, 2016, TIME: 12:00 p.m. to 4:00 p.m. WHERE: NAU Southwest Forest Science Complex, 200 E Pine Knoll Dr, Flagstaff, AZ. View all Job Vacancies at the following link: www.bia.gov/nifc/jobs/jobsmapi/index.htm and contact Johnson Benallie @ 928/729-7391 if you have any questions.

The Tolowa Dee-ni' Nation (formerly Smith River Rancheria) will be accepting applications for the position of Natural Resources Director starting on October 17, 2016.

Applications will be accepted until the position is filled. Would like someone experienced with Tribal governments and EPA Programs. The [Application Link can be found here](#).

The Upper Snake River Tribes is hiring for the position of Environmental Program Director.

Salary is equivalent to a GS-9/11 pay grade, dependent upon experience. Full medical and dental coverage is provided. Generous life insurance and retirement (401k) benefits package. The Environmental Program Director will serve as the lead point person on environmental issues for the USRT Foundation. The Environmental Program Director is responsible for carrying out the environmental policy directives of the member tribes and reports directly to the USRT Executive Director, with assurance to program quality and accountability to advance the long term goals for the USRT Foundation and member tribes.

How to Apply

Candidates should submit: 1) cover letter outlining their related experience, 2) resume, and 3) contact information for three professional references. Materials may be e-mailed to info@usrf.org or via mail to:

USRT Foundation, Environmental Program Director Search

413 W. Idaho Street, Suite 101, Boise, ID 83702

Review of applications begins November 4, 2016 and will remain open until filled. Contact info@usrf.org with additional questions.

The Arizona Chapter of The Nature Conservancy is recruiting for a Land and Water Protection Manager – Southern AZ. This is a *Project Manager* position and is based in our Tucson Conservation Center.

The Land and Water Protection Manager – Southern AZ is responsible for implementing and achieving The Nature Conservancy's conservation priorities by initiating and completing real estate transactions in priority

areas across Southern Arizona, with a focus on transfers to conservation partners. The Protection Manager represents the Conservancy in relationships and negotiations with private land owners, government agencies, public and private funders, land trust partners and community-based organizations. S/he assists in securing public and private funds for land and water protection and in creatively structuring individual transactions.

You can find the posting on TNC's careers page – search for Job ID# 44816:

Please share this outreach and encourage anyone that you see as a good candidate to apply for the position! **The deadline to apply is November 28, 2016.**

Ambient Air Quality/EPA/NTAA

EPA's Public Engagement Highlights is a weekly e-newsletter produced by EPA's Office of Public Engagement which summarizes some of the latest important Agency actions. It's where you can learn about various ways you can engage with EPA and find the Agency's latest blog posts, videos, and additional resources.

Signing up for the e-newsletter is easy! Just visit the [EPA Public Engagement Highlights](#) website where the most recent editions are available and enter your email in the e-newsletter sign up box located on the upper right. The resulting New Subscriber page will list all available EPA Topics, with "Public Engagement Highlights Newsletter" checked towards the bottom of the page. When setting up your profile, you can select additional subscription topics offered by EPA. You can always unsubscribe at any time.

Climate Change/Energy

ITEP's Tribal Climate Change Newsletter: This monthly newsletter provides news items, resources, announcements about funding opportunities, conferences, and training, and other information relevant to tribal climate change issues.

Article: Forest Adaptation Resources: Climate Change Tools and Approaches for Land Managers, 2nd Edition

Forests across the United States are expected to undergo numerous changes in response to the changing climate. This second edition of the Forest Adaptation Resources provides a collection of resources designed to help forest managers incorporate climate change considerations into management and devise adaptation tactics.

Book: This Changes Everything

Author Naomi Klein, tackles the most profound threat humanity has ever faced: the war our economic model is waging against life on earth. Klein exposes the myths that are clouding the climate debate. We have been told the market will save us, when in fact the addiction to profit and growth is digging us in deeper every day.

Climate Change Adaptation: Traditional Knowledge of Indigenous Peoples Inhabiting the Arctic and Far North (UNESCO)

This website has been developed by the UNESCO Institute for Information Technologies in Education within a project “A Networked System of Open Indigenous Knowledge Resources for Climate Change Mitigation and Adaptation in Polar Regions” funded by the UNESCO Intersectoral Platform “UNESCO’s contribution to climate change mitigation and adaptation”. It contains multimedia modules with interdisciplinary complex of indigenous knowledge related to mitigation and adaptation to environmental changes in the regions that have similar climate and face similar environmental problems in the Far North of Russia.

Video: Climate Change and Your Health (Western North Carolina Public Radio)

WCQS’s Helen Chickering talks with a physician who is spending the second half of his career as a climate change health advocate and a local research scientist who studies the impact of climate change on public

health and co-authored the first comprehensive scientific report assessing the health effects of climate change in the U.S. 2min 10sec.

Video: [Red Power Energy](#)

Tribal lands are the microcosm of today's controversial energy debate. Between the fears that fossil fuels cause climate change and the hope that renewable energy can save the planet, lies the complex reality of American Indian reservations grappling with the balance of culture verse progress, poverty verse new-found wealth, and the fate of the environment. Uniquely intimate, provocative and told from the Native perspective, with a nearly all-Native film crew and all-Native Advisory Council, Red Power Energy is a multi-media documentary that combines engaging storytelling with in-depth journalism. Featured are Western and Great Plains American Indian tribes in North Dakota, South Dakota, Montana, Wyoming and Colorado.

Indoor Air Quality

On August 31st, 2016, the National Tribal Air Association endorsed and now supports the National Radon Action Plan. NTAA joins the American Lung Association, EPA and many others to work to reduce radon risk in 5 million homes and saving 3,200 lives annually by 2020. [Click here to learn more about the National Radon Action Plan](#) and be sure to use NTAA's template form to submit your own Tribe's endorsement of the National Radon Action Plan.

U.S. HUD's Office of Native American Programs (ONAP) Code Talk:

[Codetalk Homepage:](#)

FUNDING OPPORTUNITIES

Ambient Air Quality/EPA/NTAA

The Alaska Native Tribal Health Consortium (ANTHC) announces the FY2017 ANTHC Air Quality Sub-Award Request for Proposals (RFP). Please submit your completed Sub-Award applications to either AJ Salkoski (ajsalkoski@anthc.org) or Lacey Walsh (lmwalsh@anthc.org). Applications can also be submitted via fax at (907) 729-4044 c/o AJ Salkoski.

These grants are competitive and unfortunately not everyone who applies will be awarded. If you have any questions about grant ideas, eligibility, or need additional information, please do not hesitate to contact Lacey Walsh at (907) 729-5609 or AJ Salkoski at (907) 729-4518. For more information, visit the [ANTHC Tribal Air Quality Program](#).

U.S. EPA Air Grants and Funding:

EPA's Office of Air and Radiation (OAR) announces competitive funding announcements for projects and programs relating to [air quality](#), [transportation](#), [climate change](#), [indoor air](#) and other related topics. Organizations that can apply (eligible entities) are typically based on the funding announcements' [authorizing statute](#) and [catalog of federal domestic assistance \(CFDA\)](#). **[This page](#)** provides access to information about current funding opportunities under 'Open Announcements' and also provides as a reference tool, all previously announced funding announcements listed below and in archives under 'Closed Announcements'.

More than \$889 million in funding and technical assistance is available for state, local, and tribal governments from the Department of Transportation (DOT), Environmental Protection Agency (EPA), Department of Energy (DOE), Federal Transportation Authority (FTA), Federal Emergency Management Authority (FEMA), Center for Disease Control (CDC), Fish and Wildlife Service (FWS), and Bureau of Indian Affairs (BIA) that can be used to support climate and energy initiatives,

including economic development, sustainable communities, green infrastructure, and water efficiency. For full eligibility and application details, please visit the links provided below. **In addition, please visit the calendar of 2016 EPA grant opportunities that may be of particular interest to Tribal communities.**

Climate Change/Energy

U.S. EPA's State and Local Climate and Energy Newsletter includes a calendar of 2016 EPA grant opportunities that may be of particular interest to Tribal communities.

USDA Seeks Applications for Loans and Grants that Support Renewable Energy, Energy Efficiency, and Conservation Innovation

The U.S. Department of Agriculture (USDA) has announced two energy- and conservation-related funding opportunities for which tribes may be eligible to apply.

USDA is encouraging rural small businesses and agricultural producers to apply for loans and grants to support renewable energy and energy efficiency projects through its Rural Energy for America Program (REAP). Applications are currently being accepted for: 1) energy audit and renewable energy development assistance grants, and 2) renewable energy system and energy efficiency guaranteed loans and grants.

The application deadline for energy audit and renewable energy development assistance grants is Jan. 31, 2017. Applications for renewable energy system and energy efficiency grants, all combination grants, and guaranteed loans are due by March 31, 2017. More information, including a link to application materials and submission procedures, can be found on the [USDA website](#).

New Energy Efficiency Competition to Assist Remote Alaskan Communities with Energy Challenges

The U.S. Department of Energy's (DOE's) Office of Indian Energy and Office of Energy Efficiency and Renewable Energy (EERE) issued a Notice of Technical Assistance (NOTA) to significantly accelerate efforts by remote Alaskan communities to adopt sustainable energy strategies. The Remote Alaskan Communities Energy Efficiency Competition will empower Alaskan communities and Alaska Native villages to develop effective tools to advance the use of reliable, affordable, and energy efficient solutions that are replicable throughout Alaska and other Arctic regions. [Learn more about the competition and how to apply.](#)

USDA: The FY 2016 Agriculture and Food Research Initiative (AFRI) Agriculture and Natural Resources Science for Climate Variability and Change Challenge Area Request for Application (RFA) is now available for public viewing. Please review the links below and verify the information is accurate. Please let me know if you have questions or concerns.

NIFA Funding Opportunity Page: <https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-agriculture-and-natural-resources>.

Grants.gov Page: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=285990>. This page includes a synopsis of the funding opportunity, a link to the full announcement (RFA) and the application package.

Fiscal Year 2017 National Environmental Information Exchange Network Grant Program (EPA)

The Exchange Network Grant Program provides funding for projects that develop the technologies to share data among partners or otherwise make these data available to the agency personnel, the public, and/or other communities of interest. The grant program also funds the development of underlying shared and/or reusable services (e.g., network security) that provide the foundation for Network operations. Eligibility includes federally recognized Indian tribes. Funding opportunity # EPA-OEI-17-01. Deadline: 11/18/16.

FY 17 Farm to School Grant Program (USDA)

The Healthy, Hunger-Free Kids Act of 2010 (HHFKA) amended Section 18

of the Richard B. Russell National School Lunch Act (NSLA) to establish a Farm to School Program in order to assist eligible entities, through grants and technical assistance, in implementing farm to school programs that improve access to local foods in eligible schools. To fulfill the farm to school mandate in the HHFKA, \$5 million is provided to the USDA on an annual basis to support grants, technical assistance, and the Federal administrative costs related to USDA's Farm to School Program. Eligibility includes Indian tribal organizations and schools. Funding opportunity #USDA-FNS-F2S-2017. Deadline: 12/08/16.

2017 Saltonstall-Kennedy Competitive Research Program (Dept. of Commerce)

The objective of the S-K Grant Program is to address the needs of the fisheries and fishing communities in optimizing economic benefits by building and maintaining sustainable fisheries and practices, dealing with the impacts of conservation and management measures, and increasing other opportunities to use existing infrastructure to support keeping working waterfronts viable. Proposals submitted to this competition must address at least one of the following priorities: Marine Aquaculture; Fisheries Data Collection; Techniques for Reducing Bycatch and other Adverse Impacts; Adapting to Climate Change and Other Long Term Ecosystem Change; Promotion, Development and Marketing; Socio-Economic Research; and Territorial Science. Eligibility includes Indian tribes. Funding opportunity # NOAA-NMFS-FHQ-2017-2004980. Deadline: 12/09/16.

FY17 Guidelines for Brownfields Cleanup Grants (EPA)

EPA's Brownfields Program provides funds to empower states, communities, tribes, and nonprofits to prevent, inventory, assess, clean up, and reuse brownfield sites. Under these guidelines, EPA is seeking proposals for Cleanup Grants only. Eligibility includes Indian tribe other than in Alaska (per CERCLA104 (k) (1). Deadline: 12/20/16.

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The objective of this FOA is to invite applicants to cost share the development of new water reuse feasibility studies. Water reclamation and reuse projects provide growing communities with new sources of clean water while promoting water and energy efficiency and environmental stewardship. Eligibility includes Indian tribes or tribal organizations. Funding opportunity #BOR-DO-17-F003. Deadline: 01/05/16.

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This funding opportunity is soliciting applications intended to support coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths, in American Samoa, the Commonwealth of the Northern Mariana Islands, Florida, Guam, Hawaii, Puerto Rico, the U.S. Virgin Islands, and coral-dominated banks in the U.S. portions of the Gulf of Mexico. Eligibility includes federally recognized Indian tribal governments. Funding opportunity # NOAA-NOS-OCM-2017-2005011. Deadline: 01/11/17.

FY 2017 National Climate Change & Wildlife Center Program (Geological Survey)

This program was created to ensure that the National Climate Change and Wildlife Science Center is responsive to the research and management needs of Federal and State agencies to provide science and technical support regarding the impacts of climate change in fish, wildlife, plants and ecological processes. National coordination of research and modeling at regional centers will ensure uniformity of downscaling and forecasting models and standardized information to support management of fish and wildlife resources and regional partnership collaborations. The CSC's will provide access to the expertise at cooperating universities and supports the mission of the program. Eligibility: Unrestricted. Funding opportunity # G16AS00129. Deadline: 01/12/17.

NOAA Climate Program Office FY2017 - Understanding Climate Impacts on Fish Stocks and Fisheries to Inform Sustainable Management (Dept. of Commerce)

The goal is to inform sustainable fisheries management and promote resilience of the nation's fish stocks and fisheries in a changing climate. For FY17, this OAR/NMFS partnership, through the Coastal and Ocean Climate Applications (COCA) Program, will continue to take a regional approach to improving the resilience and adaptation of fisheries in a changing climate by soliciting proposals under two competitions. Eligibility includes Indian tribal governments. Funding opportunity # OAA-OAR-CPO-2017-2004998. Deadline: 01/30/17.

Indoor Air Quality

U.S. HUD - HUD recipients can request technical assistance on basically any subject, as long as is it related to NAHASDA. The requests come in to the ONAP Area Office, which typically considers whether the tribe has any other TA needs, and then assembles a TA request package for HQ to consider. From what I have been able to gather, training on indoor air issues has never been requested - but it could be. ONAP has contracts with certain TA providers for these TA requests. Those TA providers may subcontract as needed. The link below names the TA providers and discusses the process. I also provided a link to the ONAP CodeTalk website in case you are interested in getting a better feel for ONAP's Area Office structure. TA process:

<http://portal.hud.gov/hudportal/documents/huddoc?id=onaptaannouce.pdf>

CodeTalk:

http://portal.hud.gov/hudportal/HUD?src=/program_offices/public_indian_housing/ih

Most Recent Listing: EPA Rules from the Federal Register

Contents of the Federal Register for Wednesday, November 16th, 2016

(Past copies can be accessed [here](#)).

Rule

Allocations of Cross-State Air Pollution Rule Allowances from New Unit Set-Asides for the 2016 Compliance Year

FR Document: [2016-27541](#) Citation: 81 FR 80593 [PDF](#) Page 80593 (1 page)

[Permalink](#)

Proposed Rule

Addition of Nonylphenol Ethoxylates Category:

Community Right-to-Know Toxic Chemical Release Reporting FR Document: [2016-27547](#) Citation: 81 FR 80624 [PDF](#) Pages 80624-80629 (*6 pages*) [Permalink](#)

Renewables Enhancement and Growth Support Rule

FR Document: [2016-25292](#) Citation: 81 FR 80828 [PDF](#) Pages 80828-0980 (*153 pages*) [Permalink](#)

Notice

Certain New Chemicals: Statements of Findings for October 2016

FR Document: [2016-27545](#) Citation: 81 FR 80662 [PDF](#) Pages 80662-80664 (*3 pages*) [Permalink](#)

Environmental Impact Statements; Availability, etc.; Weekly Receipts

FR Document: [2016-27700](#) Citation: 81 FR 80664 [PDF](#) Page 80664 (*1 page*)

[Permalink](#)

You have received this email as a subscriber to the NTAA Weekly Update. To unsubscribe or modify your subscriptions, click the appropriate link below:

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Andy Bessler

Project Director



National Tribal Air Association

P.O. Box 15004

Flagstaff, AZ 86011-5004

Office: **Ex. 6**

Cell:

Fax: 928-523-1266

www.ntaatribalair.org

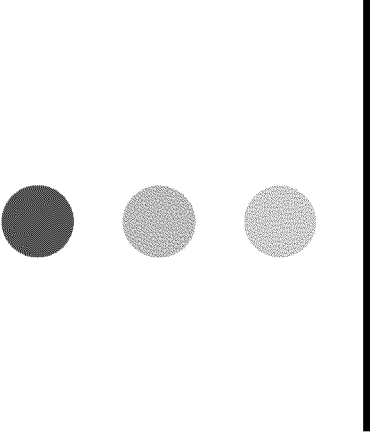
To: Mckelvey, Laura[Mckelvey.Laura@epa.gov]
From: Andy Bessler
Sent: Thur 1/19/2017 12:09:34 AM
Subject: draft NAAQS PPT by NTAA
NTAA NAAQS PPT for EPA Webinar 1.19.17.ppt

Hey Laura:

Let me know if you think this works or is too long...

Andy

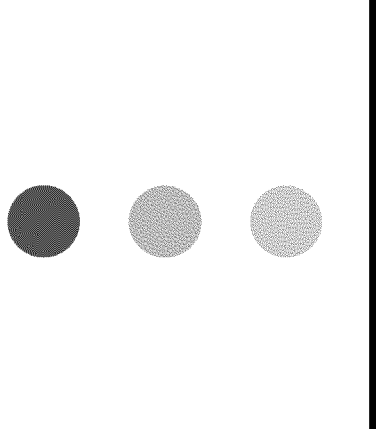
Andy Bessler
National Tribal Air Association Project Director
Institute for Tribal Environmental Professionals
P.O. Box 15004
Flagstaff, AZ 86011-5004
Office Phone: Ex. 6
Cell Phone: Ex. 6
Fax: 928-523-1266
andy.bessler@nau.edu
www.ntaatribalair.org
www4.nau.edu/itep



National Tribal Air Association's Policy Work on NAAQS

Andy Bessler
Project Director
National Tribal Air Association





NTAA provided Tribes
with Policy Analysis on the
last NAAQS revision for
ground-level ozone in
2015



What is Ozone?

- Photochemical oxidant produced by reactions between NO_x and a wide variety of VOCs, e.g. motor vehicle exhaust, oil refining, printing, petrochemicals, aviation, etc.
- Ground-level O₃ creates smog
- The chemical reactions to create O₃ may occur downwind of the VOC sources



The Health Effects of Ozone

- O₃ exposure can harm the respiratory system, aggravate asthma/lung diseases, & cause premature death
- The “at risk population” includes children, people with asthma & other lung diseases, older adults, and people who are active outdoors
- O₃ exposure can lead to increased use of medication, school absences, and increases in respiratory-related hospital admissions and emergency room visits



Ozone Effects to Public Welfare

- Multiple studies demonstrate O_3 concentrations at levels below current secondary standard adversely affects public welfare
- Injury to vegetation, to forests by loss in tree growth and biomass, to ecosystems, and lower crop yield



Effects of O₃ on Native Americans and Alaska Natives (NA/AN)

- Native Americans are disproportionately susceptible to health effects from O₃
- Studies show that asthma affects NA/AN at a rate nearly double that of the general population
- Studies also show that NA/AN children suffer from asthma at a significantly higher rate than the general U.S. population



Ozone-Sensitive Plants Used By Tribes

- EPA's Policy Assessment for the Review of the Ozone NAAQS includes an Appendix listing thirty O₃ sensitive plant species of cultural significance to Tribes
- O₃ pollution has the potential to directly impact the cultural practices and lifeways of Native Americans who use those plant species for subsistence, medicines, & other traditional practices
- EPA's Policy Assessment recommends revising the primary and secondary O₃ standards to 60 ppb



NTAA's Policy Work on NAAQS

- As needed, NTAA produces Policy Response Kits (PRK) for Tribes to provide meaningful comments to EPA regarding NAAQS revisions.
- A NTAA PRK will include:
 - The official NTAA comment letter
 - A Tribal Template letter for Tribes to use to submit comments based on the NTAA comment letter
 - A basic fact sheet to share with Tribal leadership
 - Often times, an information webinar will be held for Tribes.

To: Mckelvey, Laura[Mckelvey.Laura@epa.gov]; Colon, Toni[Colon.Toni@epa.gov]
From: Andy Bessler
Sent: Fri 1/13/2017 9:56:22 PM
Subject: Fw: request for help

FYI....

Rich can't do it.....I can mention our work on the ozone standard if you want....

Andy

Andy Bessler
National Tribal Air Association Project Director
Institute for Tribal Environmental Professionals
P.O. Box 15004
Flagstaff, AZ 86011-5004
Office Phone: [REDACTED] Ex. 6
Cell Phone: [REDACTED] Ex. 6
Fax: 928-523-1266
andy.bessler@nau.edu
www.ntaatribalair.org
www4.nau.edu/itep

From: rich@richmcallisterlaw.com <rich@richmcallisterlaw.com>
Sent: Friday, January 13, 2017 14:39
To: Andy Bessler
Subject: RE: request for help

Hi Andy,

I'm sorry, but I've got a conflict with that time/date on Jan. 19, so I will not be able to join the webinar.

Rich

----- Original Message -----

Subject: request for help

From: Andy Bessler <Andy.Bessler@nau.edu>

Date: Thu, January 12, 2017 4:35 pm

To: "rich@richmcallisterlaw.com" <rich@richmcallisterlaw.com>

Hello Rich!

Hope you are well....

I have a few questions for you...

1. Would you be willing to speak on an upcoming webinar we are doing with EPA about NAAQS? We have a webinar series on NAAQS to help Tribes understand and prep for NAAQS work including work on ozone. Laura McKelvey and I spoke yesterday and felt like it might be helpful to have you chime in on what NTAA considered for the new Ozone standard, what it means to have a new standard and some of the interesting specifics we learned about for ozone...why it is important to have a higher standard....specifically how ozone impacts a bunch of culturally significant plants....we would only need 5 minutes or so for you to talk about and I am happy to chat with you about it if you are interested but not sure...if you are interested, let me know....the webinar will occur on Thursday, Jan. 19th at 2pm ET....
2. Also, I will be sending you a separate email tomorrow asking for your participation in a call with the other NTAA PAC members to discuss possible recommendations to the NTAA EC about how to deal with the administration transition....stand by for more info on that...

Thanks and I look forward to hearing from you!

Andy

Andy Bessler
Project Director



National Tribal Air Association
P.O. Box 15004
Flagstaff, AZ 86011-5004

Office: **Ex. 6**
Cell:

Fax: 928-523-1266

www.ntaatribalair.org

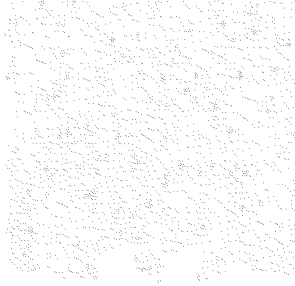
To: Andy Bessler, NTAA Project Director[andy.bessler@nau.edu]; Colon, Toni[Colon.Toni@epa.gov]; Regina Chappell[Chappell.Regina@epa.gov]; Epps-Price, Lena[Epps-Price.Lena@epa.gov]
From: Mckelvey, Laura
Sent: Fri 2/16/2018 1:43:03 PM
Subject: Please distribute

Yesterday, the Administrator signed a proposed action on CT's Section 126 petition. The pre-publication version of the notice and a fact sheet are now live on the web. You can find those documents at <https://www.epa.gov/ozone-pollution/connecticut-126-petition>

EPA is proposing to deny a petition submitted by Connecticut under section 126 of the Clean Air Act that sought reductions in emissions of ozone-forming nitrogen dioxide (NO_x) from a Pennsylvania power plant. The Agency has concluded that Brunner Island does not currently emit, nor is it expected to emit, pollution in violation of the good neighbor provision for the 2008 ozone standards. The facility has already implemented a cost-effective strategy for reducing NO_x emissions – one that Connecticut identified in its petition.

EPA will accept comment on this proposed action through March 26, 2018. In addition, EPA will hold a public hearing on this proposed rule on February 23, 2018 at the EPA Offices in Washington, DC. [Learn more.](#)

To: Dara Renee Marks-Marino[Dara.Marks-Marino@nau.edu]
From: Mckelvey, Laura
Sent: Wed 6/28/2017 4:06:50 PM
Subject: FW: FR notice for Ozone NAAQS Designations Extension



Hi Dara

Please share with the tribes.

Extension of deadline for 2015 Ozone NAAQS designations – extended from Oct 2017 to Oct 2018.

<https://www.gpo.gov/fdsys/pkg/FR-2017-06-28/pdf/2017-13437.pdf>

Thanks

Laura

To: Colon, Toni[Colon.Toni@epa.gov]; Andy.Bessler@nau.edu[Andy.Bessler@nau.edu]
From: Mckelvey, Laura
Sent: Wed 6/7/2017 6:12:55 PM
Subject: Fwd: 2015 Ozone Designations Delay

Sent from my iPhone

Begin forwarded message:

From: "Scott, Denise" <Scott.Denise@epa.gov>
Date: June 7, 2017 at 2:10:04 PM EDT
To: "Algoe-Eakin, Amy" <Algoe-Eakin.Amy@epa.gov>, "Arnold, Anne" <Arnold.Anne@epa.gov>, "Becoat, gregory" <becoat.gregory@epa.gov>, "Bell, Tiereny" <Bell.Tiereny@epa.gov>, "Benjamin, Lynorae" <benjamin.lynorae@epa.gov>, "Bohnenkamp, Carol" <Bohnenkamp.Carol@epa.gov>, "Bohning, Scott" <Bohning.Scott@epa.gov>, "Brown, Ethan" <Brown.Ethan@epa.gov>, "Burkhart, Richard" <burkhart.richard@epa.gov>, "Cakir, Halil" <Cakir.Halil@epa.gov>, "Casburn, Tracey" <casburn.tracey@epa.gov>, "CHANG, RANDALL" <Chang.Randall@epa.gov>, "Clover, Fletcher" <Clover.Fletcher@epa.gov>, "Colon, Toni" <Colon.Toni@epa.gov>, "D'Agostino, Kathleen" <dagostino.kathleen@epa.gov>, "Dolwick, Pat" <Dolwick.Pat@epa.gov>, "Donaldson, Guy" <Donaldson.Guy@epa.gov>, "Doty, Edward" <Doty.Edward@epa.gov>, "Dresser, Chris" <Dresser.Chris@epa.gov>, "Driver, Laurel" <Driver.Laurel@epa.gov>, "Evangelista, Mark" <Evangelista.Mark@epa.gov>, "Flagg, MichaelA" <Flagg.MichaelA@epa.gov>, "Fulton, Abby" <Fulton.Abbey@epa.gov>, "Gabrilovich, Lev" <Gabrilovich.Lev@epa.gov>, "Garcia, Ariel" <Garcia.Ariel@epa.gov>, "Gillam, Rick" <Gillam.Rick@epa.gov>, "Graham, AshleyR" <Graham.AshleyR@epa.gov>, "Gutierrez, Roberto" <Gutierrez.Roberto@epa.gov>, "Hammad, Omar" <hammad.omar@epa.gov>, "Holladay, Cleveland" <Holladay.Cleveland@epa.gov>, "Israels, Ken" <Israels.Ken@epa.gov>, "Jay, Michael" <Jay.Michael@epa.gov>, "Jones, Rhea" <Jones.Rhea@epa.gov>, "Kapichak, Rudolph" <kapichak.rudolph@epa.gov>, "Kay, Rynda" <Kay.Rynda@epa.gov>, "Kelly, Bob" <Kelly.Bob@epa.gov>, "Kelly, Johnj" <Kelly.Johnj@epa.gov>, "Kemp, Lachala" <Kemp.Lachala@epa.gov>, "Khadr, Asrah" <Khadr.Asrah@epa.gov>, "Lakeman, Sean" <Lakeman.Sean@epa.gov>, "Langdon, Robin" <Langdon.Robin@epa.gov>, "LAWRENCE, LAURA" <Lawrence.Laura@epa.gov>, "Liljegren, Jennifer" <Liljegren.Jennifer@epa.gov>, "Lingard, Robert" <Lingard.Robert@epa.gov>, "Maghran, Lauren" <Maghran.Lauren@epa.gov>, "Mckelvey, Laura" <Mckelvey.Laura@epa.gov>, "McKinley, Gobeail" <McKinley.Gobeail@epa.gov>, "McWilliams, Anne K." <mcwilliams.anne@epa.gov>, "Mebust, Anna" <Mebust.Anna@epa.gov>, "Mills, Derek" <Mills.Derek@epa.gov>, "Mooney, John" <Mooney.John@epa.gov>, "Morales, Monica" <Morales.Monica@epa.gov>, "Naess, Liz" <Naess.Liz@epa.gov>, "Oldham, Carla" <Oldham.Carla@epa.gov>, "Paige, Carrie" <Paige.Carrie@epa.gov>, "Payton, Richard" <Payton.Richard@epa.gov>, "Pepple, Karl" <Pepple.Karl@epa.gov>, "Perlmutter, Lars" <perlmutter.lars@epa.gov>, "Pino, Maria" <Pino.Maria@epa.gov>, "Rice, Joann" <Rice.Joann@epa.gov>, "Rosenthal, Steven" <rosenthal.steven@epa.gov>, "Salem,

Nevine" <Salem.Nevine@epa.gov>, "Sather, Mark" <sather.mark@epa.gov>, "Schmitt, Ellen" <Schmitt.Ellen@epa.gov>, "Schwartz, Colin" <Schwartz.Colin@epa.gov>, "Simon, Heather" <Simon.Heather@epa.gov>, "Snyder, Doug" <Snyder.Doug@epa.gov>, "Solomon, Douglas" <Solomon.Douglas@epa.gov>, "Spann, Jane" <Spann.Jane@epa.gov>, "Stackhouse, Butch" <Stackhouse.Butch@epa.gov>, "Stanton, Marya" <Stanton.Marya@epa.gov>, "Suzuki, Debra" <Suzuki.Debra@epa.gov>, "Svingen, Eric" <Svingen.Eric@epa.gov>, "Tax, Wienke" <Tax.Wienke@epa.gov>, "Terry, Astrid" <Terry.Astrid@epa.gov>, "Tierney, Jan" <tierney.jan@epa.gov>, "Vallano, Dena" <Vallano.Dena@epa.gov>, "Velez-Rosa, Emlyn" <Velez-Rosa.Emlyn@epa.gov>, "Wells, Benjamin" <Wells.Benjamin@epa.gov>, "Williams, Jennifer" <Williams.Jennifer@epa.gov>, "Wong, Richard" <Wong.Richard@epa.gov>, "Wright, Rhonda" <Wright.Rhonda@epa.gov>, "YOSHIMURA, GWEN" <Yoshimura.Gwen@epa.gov>, "Young, Carl" <young.carl@epa.gov>
Subject: 2015 Ozone Designations Delay

Good Afternoon,

By now you have probably heard that Administrator Pruitt sent a letter to the states yesterday notifying them that EPA is extending the deadline for promulgating designations for the 2015 ozone NAAQS for 1 year. This letter is posted on our designations home page at: <https://www.epa.gov/ozone-designations>.

Once we find out more information regarding the new timeline, we will set up a workgroup call to discuss. In the meantime, if you have any questions, please do not hesitate to call me at the number listed below.

Thanks!

Denise Scott, QEP, MESH

Environmental Protection Specialist

USEPA Office of Air Quality Planning and Standards
Research Triangle Park, NC 27711
(919) 541-4280

To: Leroy Williams Jr[Leroy.WilliamsJR@gric.nsn.us]
From: Mckelvey, Laura
Sent: Thur 8/31/2017 4:22:37 PM
Subject: RE: FR 2008 O3 NAAQS designation

Hi Leroy,

Here's Tiffany's contact information:

Tel: Ex. 6 Email: twolfe@pechanga-nsn.gov

Thanks

Laura

From: Leroy Williams Jr [mailto:Leroy.WilliamsJR@gric.nsn.us]
Sent: Thursday, August 31, 2017 11:37 AM
To: Mckelvey, Laura <Mckelvey.Laura@epa.gov>
Subject: FR 2008 O3 NAAQS designatiion

Are you available this morning for questions on designation?

Leroy Williams

GRIC DEQ Air Quality Program

1576A South Nelson Dr.

Chandler, AZ 85226

PH: **Ex. 6**
MPH

This message contains confidential information and is intended only for the individual(s) named. If you are not the named addressee you should not disseminate, distribute or copy this email. Please notify the sender immediately by e-mail if you have received the e-mail by mistake and permanently delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version.

To: Joy Wiecks[JoyWiecks@FDLREZ.COM]
From: Mckelvey, Laura
Sent: Thur 1/26/2017 4:11:56 PM
Subject: RE: O3 designation

I don't see any down sides unless you think there will be political fall out.

From: Joy Wiecks [mailto:JoyWiecks@FDLREZ.COM]
Sent: Thursday, January 26, 2017 10:55 AM
To: Mckelvey, Laura <Mckelvey.Laura@epa.gov>
Subject: O3 designation

Hi Laura,

I only have a minute here, but I have a question for you. We recommended to Region 5 that the Reservation be designated "attainment" for the new ozone standard, but we failed to let them know whether we wanted to be our own "region" or considered part of the county. I think we'd want to be our own region but are there any downsides to that? Ben Giwojna at Region 5 thought the only issues would be if there were boundary disagreements (there aren't) or if the surrounding counties were non-attainment (they aren't).

-Joy

To: Colon, Toni[Colon.Toni@epa.gov]; Regina Chappell[Chappell.Regina@epa.gov]; Epps-Price, Lena[Epps-Price.Lena@epa.gov]; Andy Bessler[Andy.Bessler@nau.edu]
From: Mckelvey, Laura
Sent: Thur 8/3/2017 3:05:36 PM
Subject: Ozone designations

Hi folks

Please share with the Tribes and EJ communities:

The Administrator is withdrawing his prior action to extend by one year the deadline for designating areas for the 2015 ozone standards. EPA has continued to discuss and work with states concerning designations, and now understands that the information gaps that formed the basis of the extension may not be as expansive as we previously believed. There may be areas of the United States where designations could move forward in the next few months.

The Clean Air Act requires EPA to establish area designations two years after revising an air quality standard but provides the Administrator with the authority to extend that deadline by 1 year if there is insufficient information to complete the designations. Anticipating that additional time may be needed, at least for some areas of the U.S., the Administrator announced, on June 6, 2017, a one-year extension. EPA now intends to reassess whether there are areas with underlying technical issues, state recommended designations that the EPA intends to modify, and whether for any area there is insufficient information to promulgate the designation.

The notice is posted at: <https://www.epa.gov/ozone-designations/ozone-designations-regulatory-actions>

To: Andy Bessler[Andy.Bessler@nau.edu]
Cc: Colon, Toni[Colon.Toni@epa.gov]
From: Mckelvey, Laura
Sent: Sat 1/14/2017 9:16:50 PM
Subject: Re: request for help

That would be great since Julie maybe out too.

Sent from my iPhone

On Jan 13, 2017, at 4:56 PM, Andy Bessler <Andy.Bessler@nau.edu> wrote:

FYI....

Rich can't do it.....I can mention our work on the ozone standard if you want....

Andy

Andy Bessler
National Tribal Air Association Project Director
Institute for Tribal Environmental Professionals
P.O. Box 15004
Flagstaff, AZ 86011-5004
Office Phone: { **Ex. 6** }
Cell Phone: { **Ex. 6** }
Fax: 928-523-1266
andy.bessler@nau.edu
www.ntaatribalair.org
www4.nau.edu/itep

From: rich@richmcallisterlaw.com <rich@richmcallisterlaw.com>
Sent: Friday, January 13, 2017 14:39
To: Andy Bessler
Subject: RE: request for help

Hi Andy,

I'm sorry, but I've got a conflict with that time/date on Jan. 19, so I will not be able to join the webinar.

Rich

----- Original Message -----

Subject: request for help

From: Andy Bessler <Andy.Bessler@nau.edu>

Date: Thu, January 12, 2017 4:35 pm

To: "rich@richmcallisterlaw.com" <rich@richmcallisterlaw.com>

Hello Rich!

Hope you are well....

I have a few questions for you...

1. Would you be willing to speak on an upcoming webinar we are doing with EPA about NAAQS? We have a webinar series on NAAQS to help Tribes understand and prep for NAAQS work including work on ozone. Laura McKelvey and I spoke yesterday and felt like it might be helpful to have you chime in on what NTAA considered for the new Ozone standard, what it means to have a new standard and some of the interesting specifics we learned about for ozone...why it is important to have a higher standard....specifically how ozone impacts a bunch of culturally significant plants....we would only need 5 minutes or so for you to talk about and I am happy to chat with you about it if you are interested but not sure...if you are interested, let me know....the webinar will occur on Thursday, Jan. 19th at 2pm ET....
2. Also, I will be sending you a separate email tomorrow asking for your participation in a call with the other NTAA PAC members to discuss possible recommendations to the NTAA EC about how to deal with the administration transition....stand by for more info on that...

Thanks and I look forward to hearing from you!

Andy

Andy Bessler

Project Director

<002.jpg>

National Tribal Air Association

P.O. Box 15004

Flagstaff, AZ 86011-5004

Office:

Cell:

Ex. 6

Fax: 928-523-1266

www.ntaatribalair.org

To: Adrienne Hollis[adrienne@weact.org]
From: Mckelvey, Laura
Sent: Wed 12/14/2016 3:32:56 PM
Subject: RE: FW: Public Hearing for 2015 Ozone Implementation Proposal [WARNING: SPF validation failed]

Thanks I forgot.

From: Adrienne Hollis [mailto:adrienne@weact.org]
Sent: Wednesday, December 14, 2016 10:31 AM
To: Mckelvey, Laura <Mckelvey.Laura@epa.gov>
Subject: Re: FW: Public Hearing for 2015 Ozone Implementation Proposal [WARNING: SPF validation failed]

Hi Laura, thank you for the heads up! Also, you were going to forward a copy of comments provided in another document, so that I could see the language used. Just a reminder...

Adrienne

Dr. Adrienne L. Hollis, Esq.

Director of Federal Policy

WE ACT for Environmental Justice

50 F Street, NW, Seventh Floor

Washington, DC 20001

office: **Ex. 6**

Email: Adrienne@weact.org

Twitter: @EjToxicdoc

Follow us on [Facebook](#) | [Twitter](#) | [Instagram](#)

On Tue, Dec 13, 2016 at 1:52 PM, Mckelvey, Laura <Mckelvey.Laura@epa.gov> wrote:

Hi folks,

I've talked to each of you about this proposal in the past so I wanted you to be aware of the public hearing and the extension of the comment period.

Thanks

Laura

From: Cortelyou-Lee, Jan

Sent: Tuesday, December 13, 2016 1:50 PM

To: Perez, Idalia <Perez.Idalia@epa.gov>; Koerber, Mike <Koerber.Mike@epa.gov>; Mckelvey, Laura <Mckelvey.Laura@epa.gov>

Cc: Brachtel, Megan <Brachtel.Megan@epa.gov>; Drinkard, Andrea <Drinkard.Andrea@epa.gov>

Subject: Public Hearing for 2015 Ozone Implementation Proposal

Please let your key stakeholders know that Steve Page just signed a notice announcing a public hearing for the Proposed Rule Implementing the 2015 Ozone Standards (Classifications and State Plan Requirements) which published in the Federal Register on November 17, 2016.

The hearing will be held on Thursday, January 12, 2017, in Washington, D.C.

The notice is also announcing extension of the comment period for the proposed rule to February 13, 2017, to allow sufficient time after the public hearing for commenters to submit comments.

We will get the notice posted on the web at: <https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state> this afternoon.

Jan Cortelyou-Lee

US Environmental Protection Agency

Office of Air Quality Planning and Standards

MD-C404-03

109 TW Alexander Drive

Research Triangle Park, NC 27709

Desk:

Cell:

Ex. 6

To: Toni Colon[Colon.Toni@epa.gov]; Regina Chappell[Chappell.Regina@epa.gov]; Epps-Price, Lena[Epps-Price.Lena@epa.gov]; Andy Bessler[Andy.Bessler@nau.edu]
From: Mckelvey, Laura
Sent: Tue 12/13/2016 6:51:13 PM
Subject: FW: Public Hearing for 2015 Ozone Implementation Proposal

Please share with others.

From: Cortelyou-Lee, Jan
Sent: Tuesday, December 13, 2016 1:50 PM
To: Perez, Idalia <Perez.Idalia@epa.gov>; Koerber, Mike <Koerber.Mike@epa.gov>; Mckelvey, Laura <Mckelvey.Laura@epa.gov>
Cc: Brachtel, Megan <Brachtel.Megan@epa.gov>; Drinkard, Andrea <Drinkard.Andrea@epa.gov>
Subject: Public Hearing for 2015 Ozone Implementation Proposal

Please let your key stakeholders know that Steve Page just signed a notice announcing a public hearing for the Proposed Rule Implementing the 2015 Ozone Standards (Classifications and State Plan Requirements) which published in the Federal Register on November 17, 2016.

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We will get the notice posted on the web at: <https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state> this afternoon.

Jan Cortelyou-Lee

US Environmental Protection Agency

Office of Air Quality Planning and Standards

MD-C404-03

109 TW Alexander Drive

Research Triangle Park, NC 27709

Desk:

Cell:

Ex. 6

To: Toni Colon[Colon.Toni@epa.gov]; Andy Bessler[Andy.Bessler@nau.edu]
From: Mckelvey, Laura
Sent: Mon 11/21/2016 2:50:26 PM
Subject: FW: December 7th EPA Webinar on the proposed rule to implement the 2015 NAAQS for ozone

From: Ellen Wildermann [mailto:Wildermann.Ellen@epamail.epa.gov]
Sent: Monday, November 21, 2016 9:49 AM
To: Mckelvey, Laura <Mckelvey.Laura@epa.gov>
Subject: December 7th EPA Webinar on the proposed rule to implement the 2015 NAAQS for ozone

For distribution to Regions, State, Local and Tribal Air Agencies, communities, industry, environmental groups, and the general public:

Webinar: Proposed rule: Implementation of the 2015 National Ambient Air Quality Standards (NAAQS) for Ozone: Nonattainment Area Classifications and State Implementation Plan Requirements

Date: Wednesday, December 7, 2016

Time: 2:00 – 3:30 PM Eastern Time

Intended Audience: Regions, State, Local, and Tribal Air Agencies, communities, industry, environmental groups, and the general public

Link to Join Webinar: <https://epawebconferencing.acms.com/nonattainment-sip>

Description: On November 2, 2016, EPA proposed requirements that would apply to state, local, and tribal air agencies for implementing the 2015 NAAQS for ground-level ozone. The EPA revised both the health-based and welfare-based standards for ozone on October 1, 2015. This proposed action largely retains and updates the implementing regulations that apply for the 2008 ozone NAAQS, for purposes of the 2015 ozone standards, which creates stability in the planning process. This action also proposes two options for revoking the 2008 ozone NAAQS. The EPA is also seeking comment on a number of additional topics, including: (1) managing emissions from wildfires and wildland prescribed fires; (2) transportation conformity and general conformity; (3) contingency measures; (4) international transport and background ozone; and (5) additional policies for achieving emissions reductions. This webinar is intended to provide highlights of the proposed rule and address clarifying questions. To download a copy of the proposed rule or for more information go to <https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state>.

Logistics: You will listen to the audio via your computer. We highly recommend running a connect test on your system before logging into the webinar to ensure that the proper add-ins are

enabled and the audio is working properly:

http://admin.adobeconnect.com/common/help/en/support/meeting_test.htm.

To: Robert Gruenig[bgruenig@tribalepc.org]
Cc: Andy.Bessler@nau.edu[Andy.Bessler@nau.edu]
From: Mckelvey, Laura
Sent: Mon 11/14/2016 3:28:58 PM
Subject: RE: Courtesy Copy: Tribal Environmental Professionals - Letter to Tribal Leaders on Ozone NAAQS

It depends on the pollutant and which standard. The recommendation letters for the most recent ozone standards were due in December. The tribe can try to get in a late letter or send a request for consultation and open the door that way. They should move quickly if they want too and they will need to look at the designations policy to make sure they can do the appropriate demonstration.

<https://www.epa.gov/sites/production/files/2016-02/documents/indian-country-separate-area.pdf>

Do you want to set up a call with the tribe to talk through this? Or you can tell John to call me directly it will be fun to get reacquainted.

From: rfgruenig[Ex. 6] **On Behalf Of** Robert Gruenig
Sent: Monday, November 14, 2016 10:19 AM
To: Mckelvey, Laura <Mckelvey.Laura@epa.gov>
Cc: Andy.Bessler@nau.edu
Subject: Re: Courtesy Copy: Tribal Environmental Professionals - Letter to Tribal Leaders on Ozone NAAQS

Hi Laura,

I'm particularly interested about whether it's still possible for the Tribe to ask to be carved out of the nonattainment area.

Bob

On Sat, Nov 12, 2016 at 9:36 AM, Mckelvey, Laura <Mckelvey.Laura@epa.gov> wrote:

Hi guys

I don't think they not eligible for 103 I would assume the issue is lack of funding to support all the requests.

That said the the tribe or neighboring state for that matter can't establish requirements for their neighboring state. However if the get TAS for 126 they can petition the agency to issue a SIP call for the state that is contributing to nonattainmnet on the reservation. There are also examples where the tribe has threatened and/or sued EPA for not addressing the nonattainmnet caused by state action. Owens Lake is the great example.

Sent from my iPhone

On Nov 10, 2016, at 12:51 PM, Robert Gruenig <bgruenig@tribalepc.org> wrote:

Laura,

I've advised Andy that a TIP is not required, and that EPA could put forth a FIP is necessary or appropriate. However, I'd appreciate your insight about the non-attainment designation and whether the Tribe can be classified separately so as to preserve future economic development opportunities on their lands.

Bob

----- Forwarded message -----

From: **Andy Bessler** <Andy.Bessler@nau.edu>

Date: Wed, Nov 9, 2016 at 4:01 PM

Subject: FW: Courtesy Copy: Tribal Environmental Professionals - Letter to Tribal Leaders on Ozone NAAQS

To: "bgruenig@tribalepc.org" <bgruenig@tribalepc.org>

Hey Bob:

Could you use some NTAA time to help me answer these questions?

I am not sure why they would be ineligible for 103 funding but I would like to get back to him tomorrow...

Andy

Andy Bessler

Project Director

<image005.jpg>

National Tribal Air Association

P.O. Box 15004

Flagstaff, AZ 86011-5004

Office: **Ex. 6**
Cell:

Fax: 928-523-1266

www.ntaatribalair.org

From: john parada **Ex. 6**

Sent: Wednesday, November 09, 2016 3:57 PM

To: Andy Bessler <Andy.Bessler@nau.edu>; Wilfred Nabahe <Wilfred.Nabahe@crit-

nsn.gov>

Cc: Shane Chapparosa Chairman <schapparosa@loscoyotestribe.com>; rchapparosa@loscoyotestribe.com; jdillman@loscoyotestribe.com; enorte@loscoyotestribe.com; lchapparosa@loscoyotestribe.com; acampbell@loscoyotestribe.com; mcampbell@loscoyotestribe.com; Andrew Pittman <apittman@loscoyotestribe.com>

Subject: Fwd: Courtesy Copy: Tribal Environmental Professionals - Letter to Tribal Leaders on Ozone NAAQS

Hello Andy

I have a question on this issue for requiring Tribes in Non-Attainment areas to establish TIP's or SIPS to identify how a tribe is going to resolve these issues with acquiring attainment.

If a Tribe is ineligible for CAA 103 funding and cannot conduct air quality monitoring to determine in fact that Tribal Lands are in Non-Attainment, how can this be imposed ?

Los Coyotes has no development aside from residential community in an area where Smog certification is not required unless vehicle registration expires.

Los Coyotes is affected by Salton Sea and three different airsheds which generate transport, How can a Tribe create requirements for a neighboring airshed to comply with NAQQS ?

I believe that this is something that can seriously affect Tribal Lands, imposing requirements upon Tribes that are ineligible for CAA funding of air quality monitoring which determines attainment or non-attainment needs to be addressed. Also classifying a reservations air quality based upon monitoring conducted in areas where air quality is not meeting attainment should address the factual reasoning for determining a reservations classification when they are in fact 20 air miles or more away with natural barriers that can divert transport depending on actual wind patterns.

John C Parada

Los Coyotes Band of Cahuilla Cupeno Indians

Tribal Environmental Programs Manager

Ex. 6

----- Forwarded message -----

From: **Colon, Toni** <Colon.Toni@epa.gov>

Date: Tue, Nov 8, 2016 at 12:33 PM

Subject: Courtesy Copy: Tribal Environmental Professionals - Letter to Tribal Leaders on Ozone NAAQS

To:

<image001.gif>

Courtesy Copy – Tribal Environmental Professionals

On November 3, 2016, the Environmental Protection Agency (EPA) issued proposed requirements for implementing the National Ambient Air Quality Standards (NAAQS) for ozone in areas that are designated nonattainment for these standards, and the Ozone Transport Region (OTR). The proposed requirements would apply to state, local and tribal air agencies developing plans that outline how states with nonattainment areas and states in the OTR will meet and maintain current and future ozone standards, including those established in 2015. There will be a 60 day public comment period once the proposal is published in the *Federal Register* (anticipated shortly). The EPA has not scheduled a public hearing; however, if anyone contacts the EPA within 15 days of the date of publication in the Federal Register, then a public hearing will be held. The proposed rule and accompanying materials are available on the EPA's website at <https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state>.

For your information, the below letter was mailed to tribal leaders on Monday, November 7, 2016 inviting them to consult with the EPA on the proposed action. Government- to-government consultations will be scheduled as requested by tribal leaders and/or their designees. To initiate consultation, we kindly request that you contact Toni Colón by December 12, 2016 at (919) 541-0069 or colon.toni@epa.gov. We will also set up informal discussions as requested.

Thank you.

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<image004.png>

Page 2

<image007.png>

<image002.png>

Toni Colón

Tribal Outreach and Consultation Advisor

US EPA|Office of Air & Radiation|Office of Air Quality Planning & Standards|

Outreach & Information Division|Community & Tribal Programs Group

Tel: (919) 541-0069|**Email:** colon.toni@epa.gov

Tribal Air & Climate Resources | Environmental Protection in Indian Country

"If you think you are too small to be effective, you have never been in bed with a mosquito." - Bette Reese

Cc: Andy.Bessler@nau.edu[Andy.Bessler@nau.edu]
To: Robert Gruenig[bgruenig@tribalepc.org]
From: Mckelvey, Laura
Sent: Sat 11/12/2016 4:37:00 PM
Subject: Re: Courtesy Copy: Tribal Environmental Professionals - Letter to Tribal Leaders on Ozone NAAQS

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Andy Bessler

Project Director

<image005.jpg>

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P.O. Box 15004

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Sent: Wednesday, November 09, 2016 3:57 PM

To: Andy Bessler <Andy.Bessler@nau.edu>; Wilfred Nabahe <Wilfred.Nabahe@crit-nsn.gov>

Cc: Shane Chapparosa Chairman <schapparosa@loscoyotestribe.com>; rchapparosa@loscoyotestribe.com; jdillman@loscoyotestribe.com; enorte@loscoyotestribe.com; lchaparosa@loscoyotestribe.com; acampbell@loscoyotestribe.com; mcampbell@loscoyotestribe.com; Andrew Pittman <apittman@loscoyotestribe.com>

Subject: Fwd: Courtesy Copy: Tribal Environmental Professionals - Letter to Tribal Leaders on Ozone NAAQS

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For your information, the below letter was mailed to tribal leaders on Monday, November 7, 2016 inviting them to consult with the EPA on the proposed action. Government- to- government consultations will be scheduled as requested by tribal leaders and/or their designees. To initiate consultation, we kindly request that you contact Toni Colón by December 12, 2016 at [\(919\) 541-0069](tel:9195410069) or colon.toni@epa.gov. We will also set up informal discussions as requested.

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Tribal Air & Climate Resources | **Environmental Protection in Indian Country**

"If you think you are too small to be effective, you have never been in bed with a mosquito." - Bette Reese



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC 27711

OFFICE OF
AIR QUALITY PLANNING
AND STANDARDS

November 7, 2016

Dear Tribal Leader:

On November 3, 2016, the Environmental Protection Agency (EPA) issued proposed requirements for implementing the National Ambient Air Quality Standards (NAAQS) for ozone in areas that are designated nonattainment for these standards, and the Ozone Transport Region (OTR). The proposed requirements would apply to state, local and tribal air agencies developing plans that outline how states with nonattainment areas and states in the OTR will meet and maintain current and future ozone standards, including those established in 2015.

The purpose of this letter is to invite you to consult on this proposal. We provided updates on the proposed rule on the National Tribal Air Association calls on April 28 and October 27, 2016. We can be available to discuss the proposed revisions in other settings as well.

This proposal action largely retains and updates the implementing regulations that apply for the 2008 ozone NAAQS, for purposes of the 2015 ozone standards. We are seeking public comment on a number of proposals, including:

- Nonattainment area classification thresholds and deadlines for areas to attain the 2015 ozone standards;
- Milestone compliance demonstrations to address reasonable further progress requirements;
- Planning and implementation deadlines for reasonably available control technology;
- Consideration of pollution sources within a state but outside of a nonattainment area for purposes of attainment planning;
- Reconsideration of the optional ozone NAAQS trading provisions for pollutants that react to form ozone, which would allow either volatile organic compounds (VOC) or oxides of nitrogen (NO_x) emissions reductions to satisfy nonattainment New Source Review permitting emissions offset requirements for VOC or NO_x emissions increases; and
- Requirements for emissions inventories and emissions statements.

Upon its publication in the *Federal Register* (anticipated shortly), the proposal will offer the public the opportunity to submit written comments, which must be received on or before the date 60 days from its publication. The EPA has not scheduled a public hearing, however, if anyone contacts the EPA requesting a hearing on or before the date 15 days from its publication, we will hold a hearing. For more information on the rule, please visit: <https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state>.

The EPA expects that this rule, when finalized, will help improve environmental protection within Indian country and nationwide and does not believe the proposed rule will have adverse implications for tribes. However, to ensure that your lands and interests are protected, we are offering to consult with you or your designee should you desire. We welcome any additional information about the implementation of the ozone standards or potential impacts that you would like to share. If you desire government-to-government consultation with the EPA, we kindly request that you notify us by December 12, 2016, by contacting Toni Colón at (919) 541-0069; email: colon.toni@epa.gov.

We strive to conduct our efforts with sensitivity to the needs and culture of your tribe, and with attention to the potential effect of our actions. We look forward to receiving your input.

Sincerely,

A handwritten signature in black ink, appearing to read "Anna Marie Wood", with a long horizontal flourish extending to the right.

Anna Marie Wood

Director

Air Quality Policy Division

cc: Tribal Environmental Director
Tribal Environmental Staff

To: Andy Bessler[Andy.Bessler@nau.edu]; Childers, Pat[Childers.Pat@epa.gov]
From: Mckelvey, Laura
Sent: Mon 2/5/2018 5:12:49 PM
Subject: Presentations for tomorrow
[Petitions Proposal overview for NTAAFeb2018.pptx](#)
[NTAA EC Designations.pptx](#)

Hi Andy

I'm bringing copies and have them on thumb drives but I thought I'd send them ahead in case it streamlines the process tomorrow.

Thanks

Laura

NAAQS DESIGNATIONS

NATIONAL TRIBAL AIR ASSOCIATION EC FEBRUARY 2018

2 DESIGNATION GUIDANCES FOR INDIAN COUNTRY

- Guidance Memos Signed on December 20, 2011
- Guidance to Regions for working with tribes during the designation process
- Memo on policy for establishing separate air quality designations for areas of Indian Country

3 GUIDANCE TO REGIONS FOR WORKING WITH TRIBES DURING THE DESIGNATION PROCESS

- “Treatment-In-A-Similar-Manner-As-a-State” (TAS) and Tribal Involvement in Designations
- The process for designations of Indian Country

PROCEDURE FOR WORKING WITH TRIBES IN THE DESIGNATIONS PROCESS

- **STEPS 1-3:**

1. Promulgate the NAAQS
2. Initiate education and outreach
3. Send Consultation letter

- **STEP 4:** Conduct Consultation (if requested)

- **STEPS 5-9:**

5. Receive tribal recommendations
6. Review tribal recommendations
7. Provide tribes with opportunity for technical dialogue regarding recommendations

8. Notify tribes via 120-day letter

9. Provide opportunity for tribes to submit further technical information

- * **STEP 10:** Conduct post 120-day letter consultation (if requested)

- * **STEPS 11-13:**

11. Determine final designations
12. Publish final designations
13. Conduct education and outreach

MEMO ON POLICY FOR ESTABLISHING SEPARATE AIR QUALITY DESIGNATIONS FOR AREAS OF INDIAN COUNTRY

- When EPA receives a request/recommendation for a separate designation.
 - It will be submitted in two ways:
 - Recommendation Letter on initial designations
 - Recommendation Letter on a previous designation/Redesignation
 - Recommendation Letters should include:
 - A formal request/recommendation from a Tribal official
 - Documentation of the boundary of the area of Indian Country
- Submittal of a multi-factor analysis to support recommendation

MEMO ON POLICY FOR ESTABLISHING SEPARATE 6 AIR QUALITY DESIGNATIONS FOR AREAS OF INDIAN COUNTRY (CONT.)

- When EPA does not receive a request/recommendation for a separate designation
 - Designate the tribal land as part of the surrounding multi-jurisdictional area
 - List the tribe by name in the Part 81 tables
- Potential Implications of separately designated areas of Indian Country

Comments are not required to submit a TIP

MEMO ON POLICY FOR ESTABLISHING SEPARATE 7 AIR QUALITY DESIGNATIONS FOR AREAS OF INDIAN COUNTRY (CONT.)

- Guidance to the Tribes
 - How to address the 5-Factor analysis
 - Examples of Supplemental data that could be used to support air quality data factor
 - How to submit a request for boundary change
 - Requirements for a separately designated area of Indian country to be redesignated from NA to Attainment
 - How to address exceptional events, and
 - Addressing transportation and general conformity

Authority for addressing Indian Country through 40 CFR Part 81 Table

8 OZONE NAAQS IMPLEMENTATION

- **2008 Ozone NAAQS Implementation**

- EPA continues to review required SIPs submitted by states and to determine whether nonattainment areas are attaining the 2008 standard by their respective attainment dates

- **2015 Ozone NAAQS Implementation**

- On October 1, 2015, EPA revised the 8-hour primary and secondary NAAQS for ozone by lowering the level from 75 parts per billion (ppb) to 70 ppb.
- On November 6, 2017, EPA issued final designations of “attainment/unclassifiable” for 85% of the counties in the U.S.
- On December 21, 2017, EPA addressed remaining areas not already designated. This starts a 120-day period for states and tribes to provide additional information before EPA determines final designations.

9 SULFUR DIOXIDE (SO₂) NAAQS IMPLEMENTATION

- **Round 3 Proposed Designations** sent to states and tribes in August of 2017
- **Round 3 Final designations** were completed on December 21, 2017
 - Designated all areas of the country, except those areas where states have sited new monitors consistent with the SO₂ Data Requirements Rule
- **Fourth round** to be completed by December 31, 2020
 - Will designate all remaining areas (approx. 50 areas)

10 ONGOING NAAQS IMPLEMENTATION

- **NAAQS** – Consent Decree to finalize review of primary NAAQS for nitrogen dioxide (NO₂) and sulfur dioxide (SO₂)
 - **NO₂** – On July 14, 2017, EPA issued the proposed rule to retain, without revision, the health based or primary NAAQS for NO₂; final action required April 6, 2018
 - **SO₂** – In August, EPA issued the 1st draft Policy Assessment, followed by a final Integrated Science Assessment (ISA) in December 2017. EPA is required to issue a proposal by May 25, 2018 and final by January 28, 2019.
 - **PM and Secondary NO_x/SO_x** – Reviews are ongoing. Final actions are projected for 2022.

To: Colon, Toni[Colon.Toni@epa.gov]; Andy Bessler[Andy.Bessler@nau.edu]
From: Mckelvey, Laura
Sent: Tue 11/7/2017 2:03:37 PM
Subject: FW: Ozone Designations

Subject: Ozone Designations

The Administrator has signed the notice designating most of the country for the 2015 ozone standards. These include areas where there is agreement on the area designations. No nonattainment areas are included in today's action.

Please let your typical regional, state and tribal contacts know. A prepublication version of the notice is available at <https://www.epa.gov/ozone-designations/ozone-designations-regulatory-actions>.

We are in the process of emailing letters to the state governors and a group of impacted tribes to summarize today's action.

From: ECOS
To: Shaw, Betsy
Sent: 3/24/2017 6:31:04 PM
Subject: ECOS Documents \$14.4B in Ready to Go Water Projects, Hears from Pruitt on Member Call, & More

ECOSWIRE | Vol. 19 No. 12

[View this email in your browser](#)



ECOSWIRE

Friday, March 24, 2017

Vol. 19 No. 12

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- [U.S. EPA Administrator Pruitt Joins ECOS Member Call](#)
- [FY17 White House Budget Amendment Contains Additional Federal Agency Cuts](#)
- [State News You Can Use](#)
- [Need-to-Know News in Air, Water, Waste, & Community Engagement](#)
- [U.S. EPA News](#)
- [Upcoming Events](#)

ECOS Documents \$14.4 Billion in Ready to Go Water Infrastructure Projects

In recognition of Water Week 2017, ECOS on March 22 released a compilation of “ready to go” water and wastewater projects in 2017 for states and the District of Columbia. “This inventory shows \$14.4 billion in specific water needs around the United States, making the need tangible and real to all,” said ECOS Executive Director & General Counsel Alexandra Dunn at a Capitol Hill Rally hosted this week by water advocacy organizations. “These are shovel ready projects, ready and waiting,” Dunn later told *Bloomberg BNA*, which reported on the ECOS inventory yesterday along with *Politico* and others.

Projects in ECOS’ inventory range from providing homes with running water and sewer service for the first time in several Alaska communities, to a new wellfield to enable a local farm to expand and provide needed jobs in Newton County, Indiana, to sewer improvements in several Wyoming towns. Importantly, the compilation lists only the top 20 or fewer projects per state, so if all ready to go projects were reported, the dollar total would be even higher for this calendar year. Also, New Jersey’s projects are not listed individually and would increase the total.

“ECOS has made water infrastructure investment a top tier issue, addressed in Priority Areas for a Time of Political Transition, said ECOS President John Linc Stine, Commissioner of the Minnesota Pollution Control Agency. Stine recently testified on water infrastructure before the House Transportation & Infrastructure Committee’s Subcommittee on Water Resources and the Environment that “states hear every day from our citizens about the value of clean water, adequate flood control, and prevention of pollution. Infrastructure underpins every one of those issues, and we know that a society cannot thrive without clean water. Industry and jobs depend on a reliable water supply and the capacity to process wastewater.”

Regarding the recent White House budget proposal that leaves the state revolving loan funds untouched, Stine added, “We appreciate that the important state revolving loan funds are proposed for a one percent increase, and not a decrease,” but reiterated that the 44.5 percent proposed cut to the core state programmatic grants – including water permitting and nonpoint source programs – “is frankly unacceptable.”

“We are ready to take the information we’ve collected and work with the Administration to get money to states so that these projects can begin,” added Dunn. “There’s no time like now to invest in America’s water infrastructure – improving communities, economies, public health, and our future.” [Dunn]

U.S. EPA Administrator Pruitt Joins ECOS Member Call

ECOS this week welcomed U.S. EPA Administrator Scott Pruitt to its monthly member call. Pruitt discussed the proposed Presidential Budget, the Trump Administration's focus on infrastructure, and the importance of cooperative federalism. Emphasizing that EPA values consultation with states in rulemaking processes, he said the agency will be looking to state partners for feedback.

Pruitt also commended the Minnesota Pollution Control Agency on its [dashboard](#) and said he looks forward to speaking at the ECOS Spring Meeting on April 7 (see related story).
[Piper]

FY17 White House Budget Amendment Contains Additional Federal Agency Cuts

The White House last week submitted a budget request to Congress concerning appropriations for the remainder of fiscal year 2017. Like the Administration's FY18 request, the FY17 request contains defense and homeland security increases offset by cuts to other federal agencies. The cuts total \$18B, but no specifics are offered on proposed reductions from individual agencies.

White House Office of Management and Budget director Mick Mulvaney remarked, "The '17 proposals that we have sort of dovetail into the '18... more spending on defense, more spending on border enforcement, some other line items, and also reductions elsewhere."

The House and Senate last year introduced omnibus appropriations bills for FY17, but it is uncertain exactly what approach congressional appropriators will take to funding the government beyond the April 28 expiration of the current Continuing Resolution. [McAleer]

State News You Can Use

[Iowa Celebrates Water Quality Successes in Annual Review](#)

[Texas Offers Ozone Tips for Warm Weather](#)

Need-to-Know News in Air, Water, Waste, & Community Engagement

States Weigh in at Hill Hearing on State NAAQS Implementation Flexibility

Area of Focus: Air

The U.S. House Subcommittee on Environment, chaired by Rep. John Shimkus (R-IL), held a hearing May 22 on a bill to give states the flexibility needed to implement the National Ambient Air Quality Standards (NAAQS) for ground-level ozone on an "efficient and realistic timeline."

H.R. 806, Ozone Standards Implementation Act of 2017, introduced by Subcommittee on Energy Vice Chairman Pete Olson (R-TX), builds on the committee's work last year to enact targeted reforms to provide states relief from simultaneously implementing plans for two ozone standards. H.R. 806 updates the Clean Air Act to provide state and local authorities the time and guidance necessary to "more effectively" implement ozone and other air quality standards going forward.

Among others, representatives of the Kentucky Department for Environmental Protection, Maine Department of Environmental Protection, and Wyoming Department of Environmental Quality testified before the subcommittee. See excerpts of their testimony below:

- **Sean Alteri, Director of Air Quality with the Kentucky Department for Environmental Protection**, declared support for H.R. 806, stating, "The reasonable amendments proposed in H.R. 806 will further enable all of our states to continue to grow our economy, enhance our quality of life, and improve air quality."
- **Marc A. R. Cone, P.E., Director at the Bureau of Air Quality with the Maine Department of Environmental Protection**, discussed the importance of additional time for air-quality standard setting and implementation, commenting, "The changes included in this bill would allow the EPA more time for strategies to be more thoughtfully developed, would help provide greater certainty within a more realistic timeframe for implementation of a new standard, and would allow for assessment of the effectiveness of control measures that have been put in place."
- **Nancy Vehr, Air Quality Administrator with the Wyoming Department of Environmental Quality**, discussed why EPA's one-size-fits-all approach to regulating simply doesn't work, commenting, "Wyoming's characteristics as an expansive, high-elevation, sparsely populated rural state differs from EPA's traditional focus. As a result, we face unique challenges in implementing the EPA's Ozone Standards in Wyoming. ... Wyoming's experience highlights why a one-size-fits-all approach to ozone is not defensible. One-size-fits-all does not fit Wyoming."

The background memo and full witness testimony can be found here. [Poole]

Environmental Law Firm Releases Guide to Corps Nationwide Permit Program Changes

Area of Focus: Water

A recent Beveridge and Diamond report details new and modified Army Corps of Engineers (Corps) nationwide permits (NWP) that took effect for five years starting on March 19. The NWP Program streamlines the permitting process for certain categories of activities with minimal impact to wetlands.

To review modifications and additions to the NWPs, see the full report [here](#). See the Corps' final announcement on the NWPs [here](#). [Piper]

ECOS Holds Monthly SMM Workgroup Call on Plastic Film Recycling

Area of Focus: Waste

ECOS yesterday held its Sustainable Materials Management Workgroup monthly call. Shari Jackson, Director of the American Chemistry Council's Film Recycling Plastics Division, presented on its Wrap Recycling Action Program (WRAP), a project that empowers stakeholders to make plastic film (like grocery bags and newspaper sleeves), a commonly recycled material.

Jackson described some challenges of disposing of plastic film, the downsides to curbside recycling, and the process by which WRAP is implemented. Backed by companies like Ziploc and Target, ACC promotes WRAP through a variety of public outreach campaigns and uses resources like plastic film drop-off location [directories](#) to emphasize the ease of recycling the material.

ACC calls on ECOS members to become "WRAP Champions" through outreach in their states. Next week, ECOS will email to workgroup participants the ACC WRAP Roadmap, a list of sample social media messages, and Thursday's webinar presentation.

Please email [Sarah Grace Longworth](#) of ECOS with questions. [Longworth]

State Feedback Sought on EJSCREEN

Area of Focus: *Community Engagement*

U.S. EPA's Office of Environmental Justice (OEJ) is seeking feedback via a three-minute [EJSCREEN User Survey](#). The information collected will be used to catalogue the diverse ways individuals are using EJSCREEN to support their analysis of environmental justice (EJ) concerns in their personal and professional lives. Survey responses will also help EPA to identify opportunities to continue developing and improving this tool.

EJSCREEN is an EJ mapping and screening tool that provides EPA with a nationally consistent dataset and approach for combining environmental and demographic indicators. EJSCREEN users choose a geographic area; the tool then provides demographic and

environmental information for that area. All of the EJSCREEN indicators are publicly-available data.

Please direct all comments, questions, or suggestions about the survey, to Oneyemaechi Nweke of U.S. EPA at (202) 566-2314. [Parisien]

U.S. EPA News

U.S. EPA Names Two New Appointees to Work with States

ECOS Executive Director Alexandra Dunn and Deputy Director Carolyn Hanson met this week with two new U.S. EPA appointees who will be working closely with states.

Kenneth E. Wagner, the new Senior Advisor to the Administrator for Regional and State Affairs, fills the role of Director of the Office of Regional Operations in U.S. EPA's Office of the Administrator. Wagner joins the agency from the private sector, where he practiced law and held private business interests for nearly 25 years. He was a founding member and managing partner of a mid-sized law firm in Tulsa, Oklahoma that handled energy and environmental matters.

Tate Bennett joins the Office of Congressional and Intergovernmental Relations as Senior Advisor. Formerly a Senior Principal with the National Rural Electric Cooperative Association, Bennett also has served as an Energy & Agriculture Policy Aide to Senate Majority Leader Mitch McConnell (R-KY). She previously worked for Reps. Brett Guthrie (R-KY) and Andy Barr (R-KY). [Parisien]

Upcoming Events

ECOS Meetings

45 States Set to Meet with Pruitt, Barrasso, and Others at Spring Meeting

Regular Registration Closes Today

A new agenda was issued today for ECOS' action-packed 2017 Spring Meeting on *New Administration, New Congress: States' Path Ahead*. Registration for the April 6-7 public gathering is strong, with some 45 ECOS member agencies represented.

Highlights of the April 6-7 public gathering will include keynotes by Misael Cabrera of Arizona on building a change-receptive organization and by U.S. EPA Administrator Scott

Pruitt and Senate Environment & Public Works Committee Chairman John Barrasso of Wyoming on their respective priorities. Also planned is a roundtable with former EPA Acting Administrator Robert Perciasepe and former EPA Assistant Administrator for Air & Radiation Jeffrey R. Holmstead on the outlook for the agency. Additional discussions will center on produced water from shale gas production, environmental infrastructure, the energy future, the Volkswagen settlement, community engagement, Sustainable Materials Management, and compliance improvement.

To take advantage of the regular registration rate, please register by the end of today! The ECOS room block at the Mayflower Hotel is now closed, but government rates may be available. Please contact [Sarah Grace Longworth](#) of ECOS if you plan to cancel a room at the hotel so that we can accommodate the next person on our waiting list.

Access the new agenda, online registration, and hotel information [here](#). [Parisien]

ECOS Calls

Toxic Substances Reduction Workgroup

The ECOS Toxic Substances Reduction Workgroup will host its monthly call on **March 30 at 2-3 p.m. Eastern**. The call will feature a presentation on the Department of Defense (DOD) Emerging Contaminants program and will focus on how state environmental agencies can benefit from DOD's chemicals work. An agenda will be sent out prior to the call.

If you would like to be added to the workgroup or have any questions, please email [Sarah Grace Longworth](#) of ECOS. [Longworth]

Webinars

National Academy of Sciences Wildland Fire Research

ECOS members whose agencies manage natural resources functions may be interested in an upcoming meeting and webinar from the National Academy of Sciences.

On **March 27 at 8 a.m.-noon Eastern**, the Board on Earth Sciences and Resources will host [A Century of Wildland Fire Research: Contributions to Long-Term Approaches...](#)

During this workshop, experts will address the past century of wildland fire research and how information from this work may be used by managers and decision makers dealing with wildland fires. The webinar is free to attend in person or online, but those interested should [register](#) in advance. [Hanson]

New Hampshire's PFAS Experience

The National Water Quality Monitoring Council will host a webinar on New Hampshire's assessment and regulation of PFAS in drinking water on **March 28 at 1 p.m. Eastern**. On the webinar, New Hampshire Department of Environmental Services staff member Brandon Kernen will discuss efforts to determine the extent of PFAS contamination, provide alternative drinking water, and develop long-term mitigation strategies.

Registration for the webinar is required. For more information on this webinar and other National Water Quality Monitoring webinars archived on YouTube, visit this website. [Hanson]

NASEO on Volkswagen Settlement and Emissions Tools

The National Association of State Energy Officials (NASEO) will host a webinar on **March 29 at 2 p.m. Eastern** on emissions tools that states may use when calculating NOx reductions for their Beneficiary Mitigation Plans under the Volkswagen Settlement. Speakers will include Andrew Burnham of Argonne National Labs, who will provide an overview of the Alternative Fuel Life-Cycle Environmental and Economic Transportation tool; Jeff Rockwell of U.S. EPA, who will provide an overview of the Diesel Emissions Quantifier; and Arman Tanman of U.S. EPA, who will discuss an upcoming tool that will allow states to calculate NOx reductions from shore power projects. Speakers also will also discuss the pros and cons of the various models and answer questions from the states.

To register, click here. [Parisien]

U.S. EPA Safe and Sustainable Water Resources Research Program

U.S. EPA's Office of Research and Development will host its monthly Safe and Sustainable Water Resources Research Program webinar on **March 29 at 2-3 p.m. Eastern**. This month's topic is "Upcoming Research on the Impacts of Water Conservation on Water Quality in Premise Plumbing." The webinar will highlight ongoing science projects intended to better design, renovate, and manage low-flow building plumbing fixtures so that water can be delivered efficiently while protecting public health.

Register for the webinar here. [Longworth]

U.S. EPA and CDC Webinar on Local Health Data Website

On **March 30 at 2 - 3 p.m. Eastern**, U.S. EPA and the Centers for Disease Control and Prevention (CDC) will co-host a webinar on the 500 Cities Project: Local Data for Better Health. The project has a dedicated website that provides city-level and census tract-level small area estimates for chronic disease risk factors, health outcomes, and clinical

preventive service use for the largest 500 cities in the United States. The webinar will help attendees better understand the burden and geographic distribution of health-related variables and how project information can be used.

To register, click [here](#). [Hanson]

ITRC on Groundwater Statistics for Environmental Project Managers

Statistical techniques may be used throughout the process of cleaning up contaminated groundwater, but it can be challenging for practitioners who are not experts in statistics to interpret and use statistical techniques. This training class will encourage and support project managers and others who are not statisticians to:

- Use the ITRC Technical and Regulatory Web-based Guidance on Groundwater Statistics and Monitoring Compliance to make better decisions for projects;
- Apply key aspects of the statistical approach to groundwater data; and
- Answer common questions on background, compliance, trend analysis, and monitoring optimization.

Join ITRC on **April 6 at 1-3:15 p.m. Eastern** for this essential online training! Learn more and register [here](#). [Bodi]



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To: Shaw, Betsy[Shaw.Betsy@epa.gov]
From: ECOS
Sent: Fri 6/9/2017 4:11:09 PM
Importance: Normal
Subject: ECOS STEP Agenda, Innovative Approaches to Fostering Compliance, & More
Received: Fri 6/9/2017 4:12:17 PM

ECOSWIRE || Vol. 19 No. 22

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ECOSWIRE

Friday, June 9, 2017

Vol. 19 No. 22

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ECOS Announces Dynamic STEP Meeting Agenda

ECOS is pleased to announce the [agenda](#) for its sixth annual State Environmental Protection (STEP) Meeting, planned for July 17 in Washington, DC. The interactive one-day gathering, themed *Reframing our Environmental Future*, will center on ECOS' cooperative federalism paper, to be released next week.

Among other highlights, the meeting will feature a luncheon keynote address by Richard Lazarus of Harvard Law School on the environmental future, and will include compelling roundtables that explore roles of various stakeholders in the new model of environmental cooperative federalism.

Specifically, roundtables will address:

- Federal and state roles, strengths, and partnerships;
- The role of corporate goals and measurement systems in achieving environmental results and maintaining license to operate;
- How nongovernmental and community organizations can achieve environmental protection and accountability;
- The role of science, research, and new technology;
- Communicating results, measures, outcomes, and safeguards, and defining success.

Register for the STEP meeting by **June 23** to receive the discounted registration rate. The hotel group rate is available until **June 26** or until the block is full. Breakfast, lunch, and breaks will be provided.

For more information on the meeting or speaking and sponsorship opportunities, please contact Layne Piper of ECOS. [Longworth]

Workshop Summary Addresses Innovative Approaches to Fostering Compliance

A summary report of Research on Effective Government: A Workshop on Evaluating Innovative Approaches to Fostering Environmental Compliance is now available. The workshop, held January 27, in Washington, DC, brought together environmental regulators from state agencies and U.S. EPA with scholars from a variety of disciplines for discussions about how regulators can leverage social science knowledge and research methods to foster compliance.

ECOS Compliance Committee Chair Jim Macy of Nebraska, Air Committee Vice Chair Ben Grumbles of Maryland, Water Committee Chair Craig Butler of Ohio, and other state environmental agency representatives participated in the workshop.

As a result of the workshop, ECOS and U.S. EPA will host a series of webinars to provide examples of how social and behavioral science findings have informed public health efforts, followed by a discussion of potential compliance programs ripe for analysis. This series will convey what social scientists know about best practices in compliance effectiveness strategies and how pilots can test new ways to improve compliance outcomes.

The webinars will be held on the following dates:

- Introduction – **June 27, 3-4 p.m. Eastern**
- Monitoring – **August 9, 3-4:30 p.m. Eastern**
- Rule and Permit Design – **September 28, 2-3:30 p.m. Eastern**
- Reporting and Transparency – **October 24, 2-3:30 p.m. Eastern**
- Innovative Enforcement – **November (TBD)**

For more information, contact Sonia Altieri of ECOS or Leslie Cronkhite of U.S. EPA. [Altieri]

ECOS Leaders Join Keystone Energy Board to Discuss U.S. Energy Future



Keystone Energy Board Member and ECOS Waste Committee Vice Chair Chuck Carr Brown of Louisiana (left) with ECOS President John Linc Stine of Minnesota.

This week, ECOS President John Linc Stine of Minnesota and Executive Director Alexandra Dunn joined Keystone Energy Board Member Chuck Carr Brown of Louisiana for a meeting of the Keystone Energy Board in Washington, DC.

Currently, ECOS Alumnus Doug Scott (formerly an Illinois member) co-chairs the Board, which for more than 20 years has provided a forum for energy leaders to discuss and debate timely energy and environmental issues.

Topics on the agenda included the future of coal in the U.S. energy portfolio and energy cybersecurity. [Dunn]

State News You Can Use

[Several States Launch Climate Alliance in Wake of Paris Accord Withdrawal](#)

[Minnesota Expands Air Quality Monitoring](#)

[Mississippi Work with Local Governments Yields Record Brownfields Funding](#)

[Texas Honors Innovators with Environmental Excellence Awards](#)

[Oregon Holds Free Hazardous Waste Classes for Business and Industry](#)

[Hoosier Riverwatch Trains Indiana Citizens on Water Quality](#)

Need-to-Know News in Air, Water, & Chemicals and Emerging Contaminants

U.S. EPA to Extend Deadline for 2015 Ozone NAAQS Area Designations

Area of Focus: [Air](#)

On June 6, U.S.EPA Administrator Scott Pruitt sent a [letter to Governors](#) informing them that the deadline for promulgating initial area designations under the 2015 National Ambient Air Quality Standards (NAAQS) for ozone will be extended by one

year.

Under the Clean Air Act (CAA), EPA is required to issue designations within two years of publication of a new standard, and 2015 ozone NAAQS designations would have been due by October 2017, with state plans due to EPA by August 2017. However, section 107(d) of the CAA authorizes EPA to extend the deadline by up to one year “in the event the Administrator has insufficient information to promulgate the designations.”

The deadline extension allows the states additional time to develop their air quality plans, and allows EPA time to review the 2015 ozone NAAQS prior to taking its initial implementation step.

EPA is currently evaluating components of the 2015 ozone NAAQS with a focus on:

- Fully understanding the role of background ozone levels;
- Appropriately accounting for international transport; and
- Providing timely consideration of exceptional events demonstrations.

Further, pursuant to the language in the recently enacted FY2017 Omnibus funding bill, Administrator Pruitt is establishing an Ozone Cooperative Compliance Task Force to develop additional flexibilities for states to comply with the ozone standard.

For more information, please see this [EPA news release](#). [Poole/Swanson]

Strong Interest Demonstrated in WIFIA Funding

Area of Focus: [Water](#)

U.S. EPA's Water Infrastructure Finance and Innovation Act (WIFIA) program has received 43 [letters of interest](#) from prospective borrowers for water infrastructure projects in response to its [Notice of Funding Availability \(NOFA\)](#)

EPA reports that these letters, in which prospective borrowers have requested \$6 billion in loans, demonstrate the pressing need for infrastructure investments and the value of this WIFIA program. WIFIA money can only fund up to 49% of project costs, and the letters detail other funding to be used, including State Revolving Fund loans, private sources, and municipal bonds. [Piper]

NGA Releases Energy-Water Nexus Paper

Area of Focus: [Water](#)

The National Governors Association (NGA) released a paper this week entitled [Advancing the Energy-Water Nexus: How Governors Can Bridge Their Conservation Goals](#). The report looks at opportunities to better design policy to support cost-effective conservation of energy and water resources.

ECOS Executive Director and General Counsel Alexandra Dunn participated in an experts roundtable that contributed to the final product. [Piper]

States and U.S. EPA ORD Establish Regular PFC Calls

Area of Focus: [Chemicals and Emerging Contaminants](#)

Last week, a small group of states and U.S. EPA's Office of Research and Development (ORD) held a call on challenges surrounding perfluorinated chemicals (PFCs). The discussion focused on analytical methods for identifying and measuring PFCs.

Given broad interest in the topic, the group is being expanded to allow states and ORD to regularly discuss PFC issues. If you or one of your staff would like to be added to the list for future calls, please email [Sarah Grace Longworth](#) of ECOS. [Hanson]

U.S. EPA News

Patrick Traylor Joins U.S. EPA OECA Team

Patrick Traylor has been tapped to serve as U.S. EPA as Deputy Assistant Administrator in the Office of Enforcement and Compliance Assurance (OECA). Most recently, Traylor was a partner at Hogan Lovells, a multinational law firm headquartered in Washington, DC and London, where he focused on environmental law and litigation.

He also has held several law clerk positions at the American Chemistry Council, the U.S. Department of Justice (Environmental Enforcement Section), the U.S. Attorney's Office for the Southern District of Texas (Environmental Crimes Section), and the EPA Region 6 Office of Regional Counsel. [Altieri]

ITRC News

Interstate Technology and Regulatory Council

ITRC Calls for 2018 Technical Team Projects

ITRC is accepting proposals for 2018 technical team projects. All environmental topics important to states will be considered. Proposals that address the following top priorities identified in the [2016 ERIS/ITRC survey](#) will be ranked higher in the selection process:

- Treatment of drinking water and public water supplies;
- Water and groundwater quality – changing standards;
- New technologies/tools, resources to address remediation of contaminated sites;
- Emerging contaminants comparative risk-based standards and removal technologies; and
- Remedy resiliency and remedy design considerations.

Please follow the [evaluation criteria](#) and use the [proposal template](#) to submit your proposal. Proposals are due by **July 6**. Visit the [ITRC website](#) for more information, or contact Director [Patricia Reyes](#) with any questions. [Bodi]

Upcoming Events

Calls

Shale Gas Caucus

The ECOS Shale Gas Caucus (SGC) will hold a call on **June 21 at 3-4 p.m. Eastern** to discuss proposed topics for the third phase of its work. Call participants will include SGC Co-Chairs Martha Rudolph of Colorado and Dave Glatt of North Dakota; Scott Anderson, Ben Ratner, and others with EDF; Roy Hartstein of Southwestern Energy; and SGC members. Phase 3 will launch at the September 11-12 ECOS Fall Meeting in Jackson Hole, Wyoming.

A calendar invitation has been sent to SGC members. For more information, please contact [Lia Parisien](#) of ECOS. [Parisien]

Webinars

U.S. EPA on SPeCS for SIPs: Plan Collection Interface

U.S. EPA will conduct a repeat of a June 8 webinar on **June 13 at 2-3:30 p.m. Eastern** to provide state, local, and tribal air agencies an overview of the State Plan Electronic Collection System (SPeCS) for State Implementation Plans (SIPs). This new system, still in its early phases of development, will facilitate the electronic submission, processing, and review of SIPs and certain other state submissions to EPA. The webinar will focus on the “Plan Collection Interface” module of the web-based SPeCS, which will provide easy-to-use screens for air agency users to make submissions to the EPA. Through the webinar, EPA will seek air agency input in order to improve the design and functionality of the final system.

For more information on the webinar, contact [Mia South](#) of EPA. The webinar link is at [here](#). The meeting number is 741 215 540, with password 12345. Call (866) 557-3330 and use conference code 5037663218. After the presentations, recordings of the webinars will be posted [here](#).

The [SPeCs for SIPs project](#) is part of the E-Enterprise for the Environment model. For more information on this project, contact [Kelly Poole](#) of ECOS. [Poole]

U.S. EPA on PCB FAST

U.S. EPA Region 9 will hold a webinar on **June 21 at 12:30-2 p.m. Eastern** detailing how to use the [PCB Facility Approval Streamlining Toolbox](#) (PCB FAST), a Lean-based process aimed to reduce the average time for PCB cleanup plan approvals. EPA Region 9 will discuss how it used a Lean Six Sigma event to reduce the cleanup plan application approval by 20% while improving communication, avoiding re-do loops, and strengthening relationships with state partners and the regulated communities.

The webinar is open to EPA, state, and industry attendees. To register, see [here](#). [Longworth]

U.S. EPA on Public Health Impact of Wildfire Smoke Emissions

U.S. EPA will hold a webinar on the “Public Health Impact of Wildfire Smoke Emissions” on **June 21 at 3-4 p.m. Eastern**. The webinar will focus on the agency’s 2016 [Wildfire Smoke: Guide for Public Health Officials](#), which educates those affected by wildfire smoke on how to reduce exposure, what public health actions are recommended, and how to communicate air quality to the public.

The webinar is open to state environmental and health agencies, tribes, local governments, communities, stakeholders, and

others interested in learning about steps to reduce health effects from wildfire smoke emissions.

To register, click [here](#). [Longworth]

U.S. EPA on Water Issues

U.S. EPA has two ongoing webinar series addressing clean water and small water systems. The Office of Research and Development (ORD) hosts a series on [water research](#), with the following monthly webinars scheduled:

- **June 21** - Nonpotable Water Reuse in Urban Environments
- **August 30** - Nutrients: Weatherizing, Salinization, and Evolution of Urban Water
- **October 25** - Life Cycle Assessment as a Decision Support Tool

More information on the water research webinar series, including how to register, is available [here](#).

In addition, ORD and the Office of Water host a monthly [webinar series on small drinking water systems](#). Their schedule for the rest of the year is:

- **June 27** - Treatment for Harmful Algal Blooms and Associated Toxins and Funding for Upgrades
- **July 25** - Water Loss and Distribution System Infrastructure: Leak Detection and Cost Savings
- **August 29** - Treatment and Control for Manganese and Iron
- **September 26** - Small Systems Research DeRISK Center
- **October 31** - State Acceptance of UV Disinfection Technologies
- **November 28** - Lead in Schools and Selecting Lead Free Fixtures
- **December 12** - Residual Chlorine and Calibration Check for Chlorine Instruments

More information on the small systems webinars, including recordings of past webinars and how to register, is available [here](#). [Hanson]



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

To: Shaw, Betsy[Shaw.Betsy@epa.gov]
From: Sustainable City Network
Sent: Thur 6/8/2017 12:13:09 AM
Subject: Top News: Bitter Reaction as Trump
Bails on Climate Accord

[View this e-mail in your browser.](#)

June 7, 2017

FROM OUR VALUED SPONSOR

Crescent Electric: High Bay LED lights have a 50,000 hour life expectancy and a 5-year warranty. [Contact us for an energy audit.](#)

Bitter Reaction as Trump Bails on Climate Accord

257 U.S. Mayors Beg to Differ

By Randy Rodgers
Publisher & Executive Editor

Some of the 257 U.S. mayors, members of the Mayors National Climate Action Agenda, who recently released an open letter to President Trump to oppose his actions thus far against climate action.

The sustainability community erupted with nearly universal dismay, outrage and resolve in the face of President Donald Trump's

decision to pull the United States out of the Paris climate agreement

promise, pitting his administration against the 71 percent of U.S. citizens who believe climate change is a clear and present danger, and joining only the countries of Syria and Nicaragua in defiance of the accord, which was signed by nearly 200 nations.

The administration's official website at WhiteHouse.gov claims the Paris deal "created a taxpayer funded U.N. climate slush fund," an idea made popular by conspiracy theorists who believe the United Nations' effort to combat climate change is a veiled attempt to erode American sovereignty. Citing disputed facts about the cost in jobs and the "negligible" environmental benefits of the pact, Trump said the Paris Accord was "negotiated badly" by the Obama administration and imposed unrealistic carbon reductions on the U.S. "while giving countries like China a free pass for years to come."

In justifying his decision, Trump famously said, "I was elected to represent the citizens of Pittsburgh, not Paris." That statement ignored two important facts: 1) In the 2016 presidential election, Hillary Clinton won 75 percent of the vote in the city of Pittsburgh; and 2) Pittsburgh and Paris are actually on the same planet, which is really what the Paris Accord was all about.

[Read More...](#)

True North: Make your health plan more sustainable! [Click here for more information.](#)

Latest News

Cities Selected for Equitable Economic Development Fellowship

WASHINGTON -- National League of Cities, PolicyLink and the Urban Land Institute announced the selection of six additional cities for pa...

APPA, National Lab to Improve Electric Reliability

WASHINGTON -- The American Public Power Association has signed a Memorandum of Understanding with the Lawrence Berkeley National Laborat...

NY to Help Farmers Cut Energy Costs and Utilize Clean Energy

ALBANY, N.Y. -- Governor Andrew Cuomo announced the release of a comprehensive strategic plan to help farms across New York State cut energy c...

DOT Announces \$527.8 Million in Infrastructure Grants to

Elaine L. Chao announced the Federal Aviation Administration will award \$527.8...

CaGBC launches Canada's first Zero Carbon Building Standard

VANCOUVER, B.C. -- The Canada Green Building Council has taken a major step toward achieving Canada's climate change commitments with the laun...

Blue Accounting to Protect Great Lakes Source Water

ANN ARBOR, Mich. -- The Great Lakes Commission recently brought together water professionals from around the Great Lakes basin to discuss regi...

Suez. Ready for the resource revolution - [Learn more at Suez-na.com](http://www.suez-na.com)

Energy Department Adds \$20 Million in Research Awards

WASHINGTON -- The U.S. Department of Energy announced it is honoring additional commitments to 10 previously selected Advanced Research ...

EPA: Atlanta Area Attains 2008 8-Hour Ozone Standard

ATLANTA -- The U.S. Environmental Protection Agency announced that it is taking final action to approve the state of Georgia's request to...

Energy Department to Fund 19 Tribal Energy Projects

WASHINGTON -- The U.S. Department of Energy Office of Indian Energy Policy and Programs announced funding for 19 Indian tribes to take t...

EPA Brownfields Cleanup Funding Announced for Earth Conservancy

WASHINGTON -- The U.S. Environmental Protection Agency selected 172 communities and organizations across the country including Earth Con...

Practice Greenhealth and ACCO Announce Partnership

WASHINGTON -- Practice Greenhealth is constantly looking for

Online Course

Lean Thinking: Process Mgmt Made Easy

Sustainable City Network and NWETC have teamed up to offer this 6-hour online course June 20-22 on the Lean process improvement system.

This course will challenge your ideas about how you think about and evaluate the work you do.

Our Lean Master

ways to enrich your experience as an organizational member. One way is by c...



Adventist Health System Receives Gallup Great Workplace Award **ACE to Improve Energy Efficiency at Federal Facilities**

ORLANDO, Fla. -- Adventist Health System has been named a 2017 Gallup Great Workplace Award winner. This marks the seventh consecutive year th
DALLAS -- Lockheed Martin has been selected for a U.S. Department of Energy contract to improve energy and water efficiency at federal...

HHS Announces Over \$70 Million in Grants to Address Applied Medical Incalls Nearly Three Megawatts of Solar **Opioid Crisis**

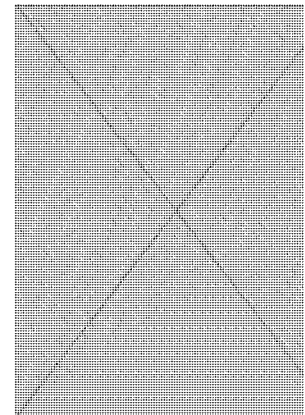
RANCHO SANTA MARGARITA, Calif. -- Applied Medical, a developer and provider of minimally invasive surgical devices, announced the completion o...
WASHINGTON -- U.S. Department of Health and Human Services Secretary Tom Price, M.D., announced the availability of more than \$70 millio...

Econolite Introduces EOS Traffic Control Software

ANAHEIM, Calif. -- Econolite recently introduced EOS traffic controller software. EOS is a next-generation, easy-to-use, web-based user interf...

Orion Lighting to Upgrade VA Hospitals to LED Lighting

MANITOWOC, Wis. -- Orion Energy Systems, a designer and manufacturer of high performance, energy-efficient LED retrofit lighting products, ann...



Vol. 23: Read it now

certified instructor,
Brion Hurley, is
principal Lean
consultant at
Rockwell Collins.
He will introduce
the history of Lean
concepts, derived
from the Toyota
Production System,

and explain how
and why they have
come full-circle
back to the United
States.

Results of Lean
initiatives have led
to increased
customer and
stakeholder
satisfaction,
reduced costs,
reduced risks,
increased sales,
and more flexible
and agile
organizations.
Perhaps the largest
benefit has been
more engaged
employees, where
people enjoy the
work they do.

Examples of Lean
successes can be
found within city
and state agencies,
utilities, nonprofits,
law firms, military,
public schools,
startup companies,
movie studios and
even farming!

[Read more...](#)

Online Course

Creating a Sustainability Strategy

Sustainable City
Network will present
a webinar series in
July for any
personnel who are
responsible for
developing
sustainability plans,
greenhouse gas
emission
inventories, climate

Sustainable City Network operates a website (www.sCityNetwork.com), customized e-newsletters, online training, conferences and other interactive tools dedicated to providing quality and timely information on sustainability products, services and best practices for business, government, education and healthcare.
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The 6-hour online course, Creating a Sustainability Strategy for Your Organization, will be delivered live on July 11-13. Sessions will be recorded so registrants may attend live or via on-demand streaming video.

This course, featuring veteran instructor Antonia Graham, will focus on the implementation and strategic thinking that is required to implement a Sustainability Plan. This course will teach you how to incorporate storytelling and systems thinking into a strategic plan that gets your plan implemented and enables you to move the needle further and faster to create a more sustainable community.

This course will be presented in three 2-hour sessions held on consecutive days, July 11-13. (Group rates available on the registrations page.)

[View more...](#)

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To: Shaw, Betsy[Shaw.Betsy@epa.gov]
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ECOSWIRE

Friday, May 5, 2017

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Congress Passes FY17 Omnibus that Avoids Significant U.S. EPA Cuts

Area of Focus: Planning

On May 4, Congress passed an [omnibus appropriations bill](#) to fund the federal government through the end of fiscal year 2017. The bill funds U.S. EPA at \$8.06B, an \$81M or one percent reduction from FY16 enacted funding levels. Noteworthy changes to the State and Tribal Assistance Grants (STAG) account include:

- An increase in the usual rescission from unobligated STAG funds from \$40M to \$61.2M;
- The addition of a new \$4M *Water Quality Monitoring* non-categorical grant to address the Gold King Mine Spill;
- Partial increases in the Diesel Emissions, Targeted Airshed, and CWA §319 grant programs; and
- Elimination of the \$21M State Multipurpose Grant program from FY2016.

President Trump, despite earlier comments hinting at a shutdown, is expected to sign the bill before the government shutdown deadline of midnight today. Once the bill is enacted, EPA will have 30 days to release an FY17 operations plan containing program-level information on funding and rescission applications.

For an ECOS chart showing the full EPA budget, click [here](#). [McAleer]

STEP Theme and Registration to Go Live Monday

After wrapping up a successful Spring Meeting last month, ECOS already is busy planning its July 17 STEP Meeting in Washington, DC. The meeting theme, hotel information, and registration will go live on Monday at www.ecos.org.

To discuss STEP sponsorship opportunities, please contact ECOS Executive Director Alexandra Dunn at (202) 266-4929 or adunn@ecos.org. [Lane]

ECOS Seeks Innovative CWSRF Projects to Spotlight

Area of Focus: [Water](#)

ECOS is pleased to announce the commencement of a project to document additional innovative projects funded by the Clean Water State Revolving Fund (CWSRF) under a cooperative agreement with U.S. EPA's Office of Water. We are seeking 1-2 paragraphs about projects and approaches that demonstrate unique uses and dispersion of CWSRF funds. The uniqueness and creativity of the work could lie in the project itself or in the financing approaches, terms, and conditions. We will ultimately profile about 15 projects, in a variety of large, medium, and small communities, and in rural, suburban, and urban settings. We are especially focusing on projects that benefit disadvantaged communities, that build recipient capacity, and that address sustainability challenges.

ECOS will select 10-15 projects to be featured from those submitted, and will follow up with those points of contact to document the approach in detail. ECOS will write the case studies in summer 2017, and will share drafts with the parties referenced in each case study. A panel of judges will choose three projects from EPA, ECOS, and our partner water associations to be featured in a national webinar in the fall. The report will be designed and finalized shortly thereafter. We will share a link to a recording of the webinar for future use and viewing.

Please see this [memorandum](#) for the information you need to respond to this call for brief project descriptions to be included in ECOS' report and webinar. Examples may be provided to [Layne Piper](#) of ECOS by May 19. [Piper]

U.S. EPA Submits Rule to Repeal and Rewrite WOTUS

Area of Focus: [Water](#)

U.S. EPA on May 2 sent to the White House Office of Management (OMB) its first rule under the Trump Administration's policy review order. The proposed rule, "Definition of 'Waters of the United States' –Recodification of Preexisting Rules," would repeal the Obama-era Clean Water Act (CWA) jurisdiction rule as the first step in the process of rewriting that policy.

The proposed rule may not be subject to the Administration's order for agencies to designate two existing rules for repeal for every new rule because it has not been categorized as "economically significant."

Technically the deadline for OMB review is 90 days, but the process could take more time. For a copy of an EPA presentation detailing the process for fulfilling Trump's Executive Order to review the Clean Water Rule, please email Layne Piper. [Piper]

ECOS Welcomes U.S. EPA Step Forward on State CCR Permitting

Area of Focus: Waste

ECOS this week commended U.S. EPA on its initiation of guidance regarding EPA review and approval of state applications to operate coal combustion residual (CCR) permit programs. State authority to develop and carry out CCR programs, provided by the 2016 Water Infrastructure Improvements for the Nation Act (WIIN Act), actively had been sought by ECOS and its members.

On April 28, EPA Administrator Scott Pruitt sent letters to the nation's Governors informing them of steps the agency is taking to implement its new authority for approving state programs. "In working together on the draft guidance, EPA and the states are acting in the spirit of cooperative federalism," notes ECOS Executive Director and General Counsel Alexandra Dunn. "ECOS looks forward to continued dialogue with EPA and the Association of State and Territorial Solid Waste Management Officials in the guidance development process." *

The ECOS Waste Committee will discuss development of the guidance during a May 12 call (see related story). [Parisien]

ERIS Releases Study of State Research Needs

Area of Focus: Environmental Research Institute of the States

The Environmental Research Institute of the States (ERIS), an affiliate of ECOS, released this week a summary of states' current research needs and environmental priorities identified in its second bi-annual survey. The survey, distributed in fall 2016, aimed to coordinate state science needs with the work of the U.S. EPA's Office of Research and Development (ORD).

States identified surface and groundwater quality, remediation and changing remediation standards, nutrients and nonpoint source water contamination, emerging contaminants and toxics, and air quality, specifically the new ozone standard, as the most pressing challenges for their agencies in 2016. States agreed that more training on federal research information, methods, and tools could help to alleviate these issues, and noted webinars and a searchable website as resources to strengthen communication, translation of research, and the state-federal relationship around research.

ERIS has already communicated the survey results with ORD. In late February and March 2017, ORD hosted a series of follow-up calls with state representatives to discuss in more detail the science needed to address the state identified priority areas. "States are already gaining insight and finding value in the survey follow-up calls conducted with ORD," says David Paylor, ERIS President and Director of the Virginia Department of Environmental Quality. "There have been requests for additional coordination, especially regarding topics of high priority like perfluorinated chemicals."

"The Environmental Research Institute of the States is very pleased to be contributing to forming a dynamic and relevant research agenda, both at the EPA and other federal agencies throughout the scientific and policy community," says Alexandra Dunn, Executive Director and General Counsel at ECOS.

See the full survey summary [here](#). [Longsworth]

State News You Can Use

[Iowa Project AWARE Cleanup to Tackle Upper Cedar River](#)

[Delaware Streamlines Government via Open Data Portal](#)

[Minnesota Expands Plastics Collection Services](#)

[South Carolina Works to Curb Food Waste](#)

[Ohio Offers Array of Assistance Services to Communities and Businesses](#)

[Texas Offers Tips on Going Green with Pets](#)

Need-to-Know News in Air & Water

Twelve Governors Urge Trump to Stay in Paris Agreement, Keep U.S. Commitments

Area of Focus: [Air](#)

Governors from California, Colorado, Connecticut, Delaware, Hawaii, Minnesota, New York, Oregon, Pennsylvania, Rhode Island, Virginia, and Washington this week signed onto a letter urging President Trump to remain in the Paris Climate Agreement and uphold the United States' commitment to reduce greenhouse gas emissions 26-28 percent below 2005 levels by 2025.

Click [here](#) to view the letter. [Poole]

Pruitt Sees 'Relief' Coming after Ending EPA's 'War on Coal'

Area of Focus: Air

In a May 1 op-ed in the *Washington Times*, U.S. EPA Administrator Scott Pruitt writes that “relief – and prosperity – is on the way” because the Trump administration has ended the “war on coal” by targeting major climate change regulations such as the agency’s greenhouse gas standards for existing power plants.

Pruitt also maintains that greenhouse gas emissions growth in China and India “would continue unchecked” under Obama Administration policies and criticizes the Clean Power Plan for yielding “very little” environmental benefits while simultaneously imposing major economic costs.

For more information, please follow this [link](#). [Poole]

Governors Form Water Policy Learning Network

Area of Focus: Water

The National Governors Association this week announced the formation of a new Water Policy Learning Network in its Center for Best Practices, to be co-chaired by Governors Edmund G. Brown of California and Larry Hogan of Maryland. The goal of the network is to inform Governors’ natural resource advisors on best practices for water policy that “they are uniquely positioned to advance.”

For more information, see NGA’s [press release](#). [Piper]

Regulatory Reform Corner

In accordance with Executive Order 13777, “Enforcing the Regulatory Reform Agenda,” U.S. EPA is seeking input on regulations that may be appropriate for repeal, replacement, or modification.

On April 11, EPA [announced](#) it is soliciting public comments on its evaluation of existing regulations per EO 13777. All public comments will be accessible online in U.S. EPA’s docket on the [Regulations.gov](#) website identified by Docket ID No. [EPA-HQ-OA-2017-0190](#). On April 13, EPA issued a [Federal Register](#) notice: [Evaluation of Existing Regulations](#).

On March 24, EPA Administrator Scott Pruitt issued an [agency-wide memorandum](#) on implementation of EO 13777, which announced members of the required Regulatory Reform Task Force and directed program offices to seek public input on existing regulations and report findings to the Task Force by May 15. Per the Administrator’s [March 24 memo](#), EPA offices have conducted several sessions and still plan the following:

- The [Office of Land and Emergency Management](#) will host a [public meeting](#) to obtain public feedback on **May 9 at 9 a.m.- 5 p.m. Eastern** in Arlington, VA.

To track all U.S. EPA regulatory reform activities, visit the regulatory reform central website at <https://www.epa.gov/laws-regulations/regulatory-reform>. [Parisien]

Upcoming Events

Calls

Shale Gas Caucus

The Shale Gas Caucus will hold the next call in its produced water series on **May 10 at 2-3 p.m. Eastern**. Participants will hear from the Environmental Defense Fund on U.S. EPA's publicly owned treatment works guidance and from Anadarko on centralized waste treatment permitting. Time will be allotted at the end of the call for a discussion of proposed topics for the SGC's third phase.

A calendar invitation has been distributed to SGC members, and an agenda and materials will follow. For additional information or to participate (open to states and EPA), contact [Lia Parisien](#) of ECOS. [Parisien]

Waste Committee

The ECOS Waste Committee will hold a call on **May 12 at 3-4 p.m. Eastern** to discuss the development of EPA guidance on state combustion residual (CCR) permitting programs. Moderated by Waste Committee Chair Scott Thompson of Oklahoma, the call will feature Association of State and Territorial Waste Management Officials (ASTSWMO) CCR Workgroup Co-Chairs Bonnie Buthker of Ohio and Mike Forbeck of Ohio, who will report out on the workgroup's recent discussions. States will then have a chance for Q&A and input.

A Google call invitation has been distributed. To be added to the invitation, please contact [Lia Parisien](#). [Parisien]

Webinars

ITRC on Long-Term Contaminant Management

Institutional controls (ICs) are administrative or legal restrictions that provide protection from exposure to contaminants on a site. When ICs are jeopardized or fail, direct exposure to human health and the environment can occur.

While guidance and research to date has focused on the implementation of ICs, a training class on **May 9 at 1-3:15 p.m. Eastern** will focus on post-implementation IC management, including monitoring, evaluation, stakeholder communications, enforcement, and termination.

Learn more and register [here](#).

Combined Air Emissions Reporting (CAER) Project

E-Enterprise

On **May 10 at 2-3 p.m. Eastern**, a webinar will be held on the Combined Air Emissions Reporting (CAER) project. CAER is a collaborative effort among U.S. EPA, state, tribal, and local air agencies to streamline industry reporting of air emissions

and associated data. The webinar will offer an advance look at the presentation planned for EN2017 and will include information on CAER's background, supporting projects, and lessons learned to date.

Registration is available [here](#). The call-in number is (415) 930-5321, with access code 945641420. Contact [Joe Mangino](#) of U.S. EPA for more information. [Parisien]

ECOS on State Lean Skills Exchange Program

On **May 10 at 2-3 pm Eastern**, ECOS will hold a webinar on its State-to-State Business Process Improvement (BPI) Skills Exchange Program. This program, kicked off in 2016, pairs BPI leaders across state agencies and provides support for a short, in-person staff detail focused on training, strategic planning, or other capacity building exercises.

Guests will hear from the state participants in three different exchanges, as well as an introduction from ECOS Innovation & Productivity Committee Chair John Mitchell of Kansas. To register for the webinar, click [here](#). [McAleer]

ITRC on LNAPLs

Light non-aqueous phase liquids (LNAPLs) are organic liquids such as gasoline, diesel, and other petroleum hydrocarbon products. Understanding LNAPLs is important because they are present in the subsurface at thousands of remediation sites across the country, and are often the sole reason why a site remains "open."

This ITRC training course is relevant for all levels of state and federal regulators, environmental consultants, and technically inclined site owners and public stakeholders. The training course is divided into three parts:

- LNAPL Characterization and Recoverability -- Improved Analysis on **May 11 at 1-3:15 p.m.** [Learn more and register](#).
- Evaluating LNAPL Remedial Technologies for Achieving Project Goals on **May 18 at 1-3:15 p.m.** [Learn more and register](#). [Bodi]

U.S. EPA on Stormwater Finance

EPA's Water Infrastructure and Resiliency Finance Center and the Water Environment Federation are hosting a series of webinars on stormwater finance. The series will focus on strategies that counties can use to support stormwater management programs. Each webinar will provide a technical overview of successful examples of communities supporting stormwater programs.

Please register for the webinars at these links:

- **May 11, 2-3 p.m. Eastern** - [Register for webinar](#)
- **May 23, 2-3 p.m. Esatern** - [Register for webinar](#)

For more information, click [here](#). [Piper]

EN2017 Meeting Webcast

Exchange Network

The 2017 Exchange Network National Meeting (EN2017) will be broadcast live via webcast! Unable to join us in person? Join the webcast to view the General Sessions on May 16-18 and the Concurrent Presentation Sessions on the afternoons of May 16-17. You will be able to remotely engage in discussions, submit questions to presenters, and interact with panelists!

Registration for the webcast is now open here. There is no charge.

Links to recordings and the presentation slides will be available here. [Ortiz/Parisien]

U.S. EPA on Decentralized Wastewater MOU Partnership

EPA will hold a webinar on “How State and Local Governments Promote and Proclaim SepticSmart Week,” presented by the EPA Decentralized Wastewater MOU Partnership. The webinar will be held on **May 16 at 2-3 p.m. Eastern**. Staff from the State of Washington, the State of Alaska, and the City of Ogden Dunes, Indiana will present. Register for the webinar here. [Piper]

U.S. EPA on Rapid Benefit Indicators

The Rapid Benefit Indicators (RBI) approach, developed by EPA’s Office of Research and Development, is an easy-to-use process for assessing restoration sites using non-monetary benefit indicators. The RBI approach uses readily available data to estimate and quantify benefits to people around an ecological restoration site using indicators of nature’s value to people (ecosystem service benefit indicators).

The framework uses five questions to guide the process of indicator selection and measurement: Can people benefit from an ecosystem service? How many people benefit? How much are people likely to benefit? What are the social equity implications? How reliable are benefits expected to be over time?

State environmental and health agencies, tribes, and others are invited to register for the webinar on **May 17 at 3-4 p.m. Eastern**. To join, please register here. If you are unable to listen through your computer speakers, please dial (866) 299-3188 and enter access code 2025646669.

Contact Lisa Matthews for more information or Amy Scheuer with registration questions. [Parisien]

U.S. EPA on Water Issues

U.S. EPA has two ongoing series of webinars addressing clean water and small water systems. The Office of Research and Development (ORD) hosts a series on water research with the following monthly webinars scheduled:

- **May 31** - EPA’s Global Change Explorer Web Tools Collection
- **June 21** - Nonpotable Water Reuse in Urban Environments

- **August 30** - Nutrients: Weatherizing, Salinization, and Evolution of Urban Water
- **October 25** - Life Cycle Assessment as a Decision Support Tool

More information on the water research webinar series, including how to register, is available [here](#).

In addition, ORD and the Office of Water host a monthly [webinar series on small drinking water systems](#). Their schedule for the rest of the year is:

- **May 20** - Water Systems Partnerships
- **June 27** - Treatment for Harmful Algal Blooms and Associated Toxins and Funding for Upgrades
- **July 25** - Water Loss and Distribution System Infrastructure: Leak Detection and Cost Savings
- **August 29** - Treatment and Control for Manganese and Iron
- **September 26** - Small Systems Research DeRISK Center
- **October 31** - State Acceptance of UV Disinfection Technologies
- **November 28** - Lead in Schools and Selecting Lead Free Fixtures
- **December 12** - Residual Chlorine and Calibration Check for Chlorine Instruments

More information on the small systems webinars, including recordings of past webinars and how to register, is available [here](#). [Hanson]





To: Shaw, Betsy[Shaw.Betsy@epa.gov]
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Record Number of Attendees Gather for Lively and Productive ECOS Spring Meeting

A record-setting 273 attendees representing 45 states and the District of Columbia, federal agencies, non-governmental organizations, and industry gathered last week in Washington, DC, for a wide-ranging and well-received ECOS Spring Meeting. Highlights of the two-day public gathering included a rousing luncheon keynote by Arizona Department of

Environmental Quality Director Misael Cabrera on the need for agencies to embrace change (see related story) and a roundtable with former U.S. EPA leaders Bob Perciasepe and Jeff Holmstead on the potential challenges of implementing regulatory reform.



Arizona DEQ Director Misael Cabrera.

Also headlining the meeting was U.S. Senate Committee on Environment & Public Works Chairman John Barrasso (R-WY), who outlined priorities including reform of the Endangered Species Act and streamlined permitting and indicated that President Trump's budget likely will not be accepted by Congress. ECOS attendees later heard for the first time as a group from EPA Administrator Scott Pruitt. The new EPA chief emphasized his priorities of rule of law, process review, and cooperative federalism. Noting that 40 percent of the country is in nonattainment of the National Ambient Air Quality Standards (NAAQS), Pruitt expressed a desire to focus on compliance assistance in partnership with states.



ECOS President John Linc Stine of Minnesota, U.S. EPA Administrator Scott Pruitt, ECOS Vice President Todd Parfitt of Wyoming, ECOS Secretary-Treasurer Becky Keogh of Arkansas, and ECOS Past President Martha Rudolph of Colorado (left to right).

A series of engaging discussions rounded out the two days of public sessions. They touched on beneficial reuse of produced water, environmental infrastructure, the energy future, states and the Volkswagen settlement, community engagement, Sustainable Materials Management, and compliance improvement. The ECOS Data Management Workgroup and Environmental Research Institute of the States also met for side discussions.

During a Saturday morning business session, ECOS members passed [eight resolutions](#) and extended three more to the Fall Meeting. One new resolution discusses the value of supplemental environmental projects and their value to states. Other topics addressed in successful resolutions are safer chemicals, the respectful use of data, lead wheel weights, and small community challenges. Resolutions on NAAQS and water infrastructure investment were tabled for follow-up on the April 20 All-Member Call (see related story). The call also will cover ECOS efforts to move ahead to strongly represent states in the current dialogue with U.S. EPA over state and federal roles.

ECOS sincerely thanks the following for their sponsorship of the Spring Meeting: Natural Resources Defense Council, The Natura Conservancy, Diesel Technology Forum, American Fuel & Petrochemical Manufacturers, Bloomberg BNA, National Association of Clean Water Agencies, American Water Works Association, Edison Electric Institute, Center for Climate & Energy Solutions, Walmart, American Gas Association, Entergy, U.S. Business Council for Sustainable Development/Pathway 21, MDB, Inc., American Coalition for Clean Coal Electricity, Waste Management, and National Association of Manufacturers.

Links to meeting materials and a list of attendees are available [here](#). For additional coverage of meeting activities, see the following *Inside EPA* articles, which are reprinted with permission: [States Plan Proposals to Achieve EPA Goals in Lieu of Agency Guidance](#) and [States Urged to Craft Plans for EPA's Delegation of Environmental Work](#). [Parisien/Hanson]

Arizona DEQ Invites State Observers for Lean Management

System Rollout

As discussed at the Spring Meeting, the Arizona Department of Environmental Quality (ADEQ) continues to deploy its Lean Management System in several of its program offices and is opening the process to observers from other ECOS member agencies. This management system was the focus of ADEQ Director Misael Cabrera's recent ECOS meeting keynote, and the agency has previously hosted state and foreign government delegations seeking to learn from its experiences.

ADEQ has offered states the opportunity to send delegations of up to two people to one of a series of week-long deployment "evolutions" that will be taking place April 24-August 7. Attendance is first-come, first served, and some evolutions may be open to U.S. EPA delegations as well. ADEQ is also offering to share training materials used in the rollout with the observer states.

For more information, contact [Leah Rossow](#) of AZDEQ via email or at (602) 771-2309. [McAleer]

E-Enterprise for the Environment Engagement Forum Spotlights Successful Projects

[E-Enterprise for the Environment](#)

More than 200 stakeholders met on April 5 at the Mayflower Hotel in Washington, DC, to attend the first ever engagement forum for E-Enterprise for the Environment. The purpose of the forum, which followed a meeting of the E-Enterprise Leadership Council, was to highlight many of the E-Enterprise projects that benefit the regulated community, states and tribes, and the federal government. More than 15 projects were on display for attendees, who were able to participate in hands-on demonstrations and speak to subject matter experts.

The featured projects covered an array of topics, including ensuring safe drinking water, submitting and receiving reports electronically to save time and resources, customizing reports, and reporting air emissions data.

To view photos of the event, visit the ECOS Twitter page at twitter.com/ECOSStates and the new ECOS Facebook page at facebook.com/ECOSStates. Subscribers to Bloomberg BNA can read a story about the event [here](#). [Lane]

Martineau Testifies on Behalf of ECOS at House Hearing on Brownfields

Area of Focus: [Waste](#)

On April 4, former ECOS President Robert Martineau testified on behalf of ECOS before the House Subcommittee on the Environment and the Economy at a hearing on a discussion draft for Brownfields reauthorization. Martineau, Commissioner of the Tennessee Department of Environment & Conservation, highlighted the benefits of the Brownfields program, pointing to several key projects in communities around Tennessee. Martineau went on to discuss the importance of liability protection in reducing risk for investors, citing local Tennessee examples of Brownfields successes which led to job creation,

environmental improvement, and economic stimulation at formerly dormant properties. His written testimony can be found [here](#).



Robert Martineau testifies on Brownfields reauthorization.

Subcommittee Chairman John Shimkus (R-IL) discussed the subcommittee's intent to reauthorize and improve the program, calling it vital to states and local communities. Members of the subcommittee also gave the program high marks as they asked witnesses to comment on how aspects of the draft, such as liability protection, multipurpose grants, and funding increases, would yield improved results. State and local witnesses emphasized the importance of Brownfields grants in conducting site assessments and leveraging private investment.

Shimkus closed the hearing calling for continued coordination with ECOS and others as the discussion draft moves forward. More information on the hearing can be found [here](#). [MacCartney]

ECOS Members Speak to the National Academies

On April 10, ECOS members Ben Grumbles of Maryland, David Paylor of Virginia, Martha Rudolph of Colorado, and Bryan Shaw of Texas met with members and staff of the Division of Earth and Life Studies (DELS) of the National Academies of Sciences, Engineering, and Medicine. DELS members and staff spent the afternoon speaking with ECOS members and state association staff to better understand states' needs and how they can work with them.

Martha Rudolph, ECOS Past President and ERIS Board Member, provided a brief overview of what it takes to run a state environmental agency. ERIS President David Paylor addressed state research needs. In one panel session, ECOS members discussed what might help the National Academies foster a productive relationship with states. A separate panel session with state association staff discussed how state associations can serve as a conduit between DELS and states. [Hanson]

ECOS Launches Facebook Page

ECOS is now on Facebook! You can visit our page and read relevant news stories, view photos from events, and keep up-to-date with relevant ECOS and state information. We're easy to find at facebook.com/ECOSStates. You can also type Environmental Council of the States or simply [@ecostates](#) in the search bar.

Make sure you "like" and "follow" our page when you visit, and contribute to our page with relevant posts. Also be sure to share our page with your colleagues and friends.

ECOS Wants to Hear about State Plans for Earth Day Festivities

How is your state celebrating Earth Day? If your agency is hosting an event, advertising environmentally friendly practices on social media, or promoting the day in another way, ECOS wants to hear about it.

This year, ECOS is compiling a list of the “Top 10” state Earth Day initiatives. Please send information on efforts that your state has underway for Earth Day **by April 19** to [Sarah Grace Longworth](#) of ECOS. [Longworth]

State News You Can Use

[Ohio EPA Pioneers Materials Marketplace to Promote Reuse and Recycling](#)

[Minnesota Considers Strengthening Successful Renewable Energy Standard](#)

[Rhode Island Offers Free Trees to Save Homeowners Money](#)

Need-to-Know News in Water & Air

Pruitt Notifies States of Reconsideration of Power Plant Effluent Guidelines Rule

Area of Focus: [Water](#)

This week, U.S. EPA Administrator Scott Pruitt sent ECOS President John Stine of Minnesota a letter to notify states of EPA’s intent to consider petitions for reconsideration of EPA’s November 2015 [final rule](#) establishing Effluent Guidelines and Standards for the Steam Electric Power Source Generating Point Source Category. The petitions, submitted by the Utility Water Act Group and the U.S. Small Business Administration’s Office of Advocacy, specifically seek relief from deadlines set by the final rule.

This rule contains flexibilities for states that issue National Pollution Discharge Elimination System permits. The permitting authority may determine a date when the new effluent limitations apply to any given discharger within a specified period of time. Permitting authorities may choose a later date within that time period based on information received from the discharger. Under the rule, Publicly Owned Treatment Works must meet new pretreatment standards by November 2018.

EPA will stay the rule for 120 days while it considers relief from the deadlines for both direct and indirect discharges, and also will revisit other substantive aspects of the rule. According to the agency, Pruitt’s letter reinforces his stated commitment to working with states and local communities to improve the environment and bolster the economy while respecting the rule of law. [Piper]

DOJ, U.S. EPA File Motions to Hold Cases Regarding Ozone, Methane, and Carbon Emissions

Area of Focus: [Air](#)

In accordance with a [March 28 Executive Order](#) signed by President Trump, U.S. EPA is reviewing existing regulations that

potentially burden domestic energy production. On April 7, the Department of Justice, on behalf of U.S. EPA, submitted motions to hold two cases in abeyance until the current Administration is able to determine if and how it wants to address the rules at issue – the [2015 ozone NAAQS](#) and the [2016 methane rules for new oil and gas operations](#).

These motions come on the heels of the Administration's request to hold the Clean Power Plan (CPP) case in abeyance and a [motion in opposition of that hold](#) submitted by NY, CA, CT, DE, HI, IL, IA, ME, MD, MA, MN, NM, OR, RI, VT, VA, WA, DC, and six cities on April 5, which was then met with a [reply brief from DOJ/EPA](#) in support of putting a hold on the case. To date, the D.C. Circuit has not yet ruled on whether it will hold the CPP case or the case addressing [2016 methane rules](#) in abeyance.

However, on April 11, a three-judge panel at the U.S. Court of Appeals for the District of Columbia Circuit released an [order](#) delaying oral arguments in the case challenging the [2015 ozone NAAQS](#). The 2015 ozone NAAQS case was originally brought by the Murray Energy Corporation after U.S. EPA promulgated a rule to lower ozone standards from 75 parts per billion (ppb) to 70 ppb in [October 2015](#). EPA has spent the past year defending the rule; however, on April 7, the agency submitted a motion requesting an indefinite delay of the oral arguments as the current Administration reviews its position and determines whether EPA should "[reconsider the rule or some part of it](#)." While there is no timetable for review completion, the court is requiring the EPA to report back on the status of its review every 90 days. [Poole]

Federal Agency News

OMB Issues Guidance on Federal Restructuring and Workforce Reduction

The White House Office of Management and Budget (OMB) this week released a [memo](#) that provides guidance to federal agencies on how to fulfill the requirements of President Trump's [Reorganization Executive Order](#) to make the government "lean, accountable, and more efficient." The 14-page memo provides wide-ranging guidance on how to achieve this.

Portions that may be of particular interest to ECOS members include developing agency reform plans that include how they will "better leverage technology and improve underlying business processes" and "streamline and eliminate processes." This appears to align well with E-Enterprise for the Environment and business process improvement initiatives in which ECOS has been involved. According to the memo, OMB will be looking at cross-cutting reforms to address situations where "multiple federal agencies interact in fragmented or duplicative ways with state, local, and tribal governments." It also will be looking for opportunities to reduce reporting burdens.

ECOS staff will track implementation of this [memo](#) as closely as possible over the next several months, as there are deadlines in June and September for agency reform plans and much of the restructuring ties to the President's budget proposals. [Hanson]

U.S. EPA News

Beachhead Leader Benton Departing U.S. EPA

The White House announced this week that Don Benton, who led President Trump's beachhead team at U.S. EPA, is departing the agency. President Trump intends to nominate Benton for Director of the Selective Service System, the independent agency that would oversee a potential military draft.

Benton served as Trump's Campaign Chairman in Washington State. He was a State Senator there for 20 years and was also Director of the Clark County Environmental Services Department. [Parisien]

Appointment & Career Opportunities

Water Experts Sought for National Academies Committee

The National Academies of Sciences, Engineering, and Medicine is seeking [nominations](#) for committee members to serve on a new study that will help guide research at the U.S. Geological Survey Water Mission Area. The study will identify the most compelling national water resource challenges and science and research needs for the next 25 years and consider integrating across science disciplines.

Areas of expertise needed include: surface and groundwater quality and quantity, water resources, and water use and availability for humans and the environment. [Nominations](#) are due **April 28**. [Hanson]

Utah Hiring Water Quality Director

The Utah Department of Environmental Quality seeks a Director for their Division of Water Quality. This individual will become a member of the agency's Executive Management Team and be responsible for developing programs to promote and protect the waters of the state.

For more information, see [here](#). To be considered for this opportunity, email your resume and cover letter to anelsen@utah.gov by **April 24**. [Longsworth]

Upcoming Events

Exchange Network

Updated EN2017 Agenda Now Available

The EN2017 Program Committee is pleased to present an updated [2017 Exchange Network National Meeting Agenda](#). Sessions and descriptions have been added for this year's event. Don't miss your chance to engage at EN2017 on **May 16-18** in Philadelphia!

The updated agenda reflects this year's theme: Innovation and Partnership. Some of the topics to be covered in peer-to-peer learning opportunities and interactive discussion sessions include:

- Shared services
- Identity management
- Advanced monitoring
- Combined Air Emissions Reporting (CAER)
- Innovations in water monitoring data
- ICIS-NPDES

- Mobile applications
- Process improvement
- E-Enterprise for the Environment
- Communicating success in environmental management
- Harnessing APIs and cloud technology

Registrants are reminded to book their rooms ahead of the **April 21** hotel deadline. State, territory, and tribal participants are eligible to apply for travel reimbursement, and EN2017 is open to all interested parties,

For all the latest information, please visit <http://www.exchangenetwork.net/en2017>. [Ortiz]

Calls

ECOS All-Member Call

ECOS will hold an All-Member call on **April 20 at 3-4 pm Eastern**. The call will focus on reviewing resolutions and discussing the ECOS' next steps on cooperative federalism and the state-federal relationship in the new Administration.

Please contact [Megan Swanson](#) of ECOS for more information. [Longsworth]

ECOS Toxic Substances Reduction Workgroup

ECOS's Toxic Substances Reduction Workgroup will hold its next monthly call on **April 25 at 3 p.m. Eastern**. The call likely will feature updates to U.S. EPA's regulations under the Lautenberg Act, including those of recent chemical prioritization and risk evaluation proposals, as well as the process for the TSCA inorganics byproduct negotiated rulemaking.

If you have any questions or would like to be added to the workgroup, please contact [Sarah Grace Longworth](#) of ECOS. [Longsworth]

Webinars

U.S. EPA on Plastics and Microplastics

U.S. EPA's Trash Free Waters program is hosting two webinars in April related to plastics and microplastics contaminating waters.

On **April 18 at 1 p.m. Eastern**, Dr. Bart Koelmans will discuss the chemicals found in or on microplastics and their potential risks in "Contaminants Associated with Microplastics."

On **April 26 at 4 p.m. Eastern**, Dr. Denise Hardesty will present information on risk assessment of plastics and microplastics in the environment during "Risk Assessment of Plastics and Microplastics."

To attend the webinars log in to [here](#) at the appropriate time. [Hanson]

ITRC on PVI: Fundamentals of Screening, Investigation, and Management

ITRC will hold a web-based training on **April 18 at 1-3:15 p.m. Eastern** on its technical and regulatory guidance document entitled Petroleum Vapor Intrusion (PVI): Fundamentals of Screening, Investigation, and Management (PVI-1, 2014). The training will provide regulators and practitioners with consensus information based on empirical data and recent research to support PVI decision making under different regulatory frameworks. The PVI assessment strategy described in this guidance document enables confident decision making that protects human health for various types of petroleum sites and multiple PHC compounds.

Learn more and register [here](#). [Bodi]

U.S. EPA on Challenging Nutrients Coalition

U.S. EPA will host a webinar on **April 19 at 3-4 p.m. Eastern** on its public-private coalition to address the issue of excess nitrogen and phosphorous levels in water. This interdisciplinary coalition has representatives from over 80 organizations, including federal agencies, states, nonprofits, manufacturers, researchers, and for-profit industry. The coalition will focus on understanding requirements and needs, and helping to provide technology solutions and support. It will also discuss innovative projects and partnerships improving nutrient monitoring.

State environmental and health agencies, tribes, local governments, communities, and other stakeholders are invited to participate. To join the webinar, please register [here](#). If you are unable to listen through your computer speakers, please dial (866) 299-3188 and enter access code 2025646669. Please contact [Lisa Matthews](#) of U.S. EPA for more information or [Amy Scheuer](#) with registration questions. [Piper]

ITRC on Geospatial Analysis for Optimization at Environmental Sites

ITRC will hold a web-based training on **April 20 at 1-3:15 p.m. Eastern** on its guidance document entitled ITRC's Geospatial Analysis for Optimization at Environmental Sites (GRO-1). The training will educate and train state regulators and other practitioners on using geospatial analyses to evaluate optimization opportunities at environmental sites.

Learn more and register [here](#). [Bodi]

U.S. EPA on Assessing and Addressing Near-Road Air Quality with Easy Modeling

A U.S. EPA webinar on **April 20 at 2-3:30 p.m. Eastern** will present the Community-LINE Source Model (C-LINE), a user-friendly, near-road air pollution model. C-LINE allows users to evaluate how changes in traffic may affect air pollution. Users can easily manipulate model inputs to also examine upwind and downwind effects, or estimate the areas most influenced annually by near-road pollution.

[Register here](#) to attend the webinar and learn more. [Hanson]

ECOS on Performance Partnership Grants

On **April 26 at 2:30 p.m. Eastern**, ECOS will hold a webinar for states on U.S. EPA's Performance Partnership Grants

(PPGs). The webinar will include information on how PPGs work, the benefits they provide, and best practices for managing them. Information on states' use of PPGs will be provided through case studies and ECOS statistics, and there will be an opportunity for Q&A.

To register, click [here](#). For more information, please contact [Owen McAleer](#) of ECOS. [McAleer]



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To: Shaw, Betsy[Shaw.Betsy@epa.gov]
From: EUEC
Sent: Thur 4/6/2017 2:09:40 PM
Subject: ENERGYNews:

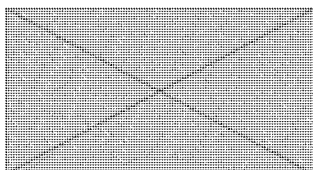
EUEC 2018: USA's Largest Energy Utility Environment Conference



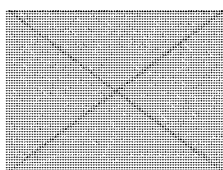
This weeks issue of EnergyNews features presentations on **ELECTION IMPACTS, NSR, CAA, CPP, PERMITS & COMPLIANCE** made at the 20th annual EUEC 2017 in San Diego, California.

LINKS: [EXHIBIT](#) [SPEAK](#) [ATTEND](#)

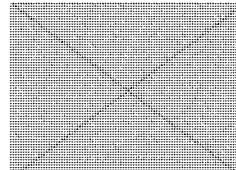
Listed below are the links to make exhibit reservations, submit abstracts to speak, or register to attend EUEC 2018 in San Diego, CA at the early bird rate.



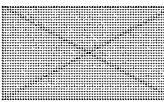
EUEC 2018



By April 30



Early Bird Rates

TRACK A	
Regulatory Update	EUEC 2017
A1. Regulatory Update - Air	NSR, CAA, CPP
 ENERGY INDUSTRY REGULATIONS, 2017-2020 - John Kinsman, Sr. Director - Environment, Edison Electric Institute	A5. Clean Air Act Issues REGIONAL HAZE: ROUND 2 IS JUST AROUND THE CORNER - Mack McGuffey, Partner, Troutman Sanders

STILL LEGAL TO BURN FOSSIL
FUEL TO MAKE ELECTRONICS? -
Jay Holloway, Partner,
Sutherland, Asbill & Brennan LLP


UPDATE ON TRIALS &
TRIBULATIONS OF THE
GUIDELINE ON AIR QUALITY
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Vice President & Technical
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 THE NEW ADMINISTRATION AND
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HOW MARKETS & GOVERNMENT
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Strategic Environmental
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McDonnell

A2. Election Impacts on Energy

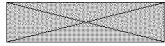
 ELECTIONS HAVE
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 IMPACT OF THE ELECTION ON
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Christopher Hopkins, Principal,
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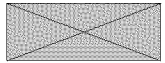
PERMITTING ON FEDERAL
LANDS - CHANGES UNDER THE
NEW ADMINISTRATION -
John King, Principal,
Environmental Management and
Planning Solutions



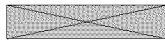
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Affairs, 3Degrees

A3. NAAQS & SSM Exemptions

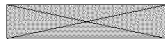
**DEVELOPING APPROVABLE
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**2015 OZONE NAAQS AREA
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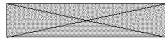


**HOW TO MODEL NAAQS
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Mary Kaplan, AQ Meteorologist,
AECOM; Robert Paine

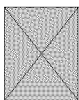


**WHAT THE DEMISE OF THE
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A4. NSR



**UNPRECEDENTED NSR
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**NSR 2017 - THE CHALLENGE
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Environmental Corporation

CRASH COURSE IN PSD
PERMITTING - KEY CONCEPTS,
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Piyush Srivastav, President,
NAQS - Environmental Experts

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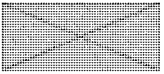
A6.
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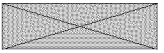
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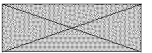
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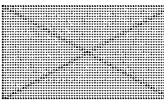


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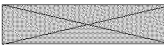


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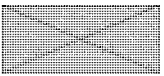
**A7.
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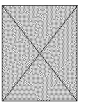
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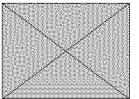
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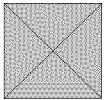
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**MERCURY AND AIR TOXICS
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**IS FEDERALISM ALIVE UNDER THE
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**IMPLICATIONS OF RECENT NAAQS
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**CITIZEN SCIENCE 2017 - Shawn
Dolan, President, Virtual Technology
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A6. 111(d) - CPP Compliance

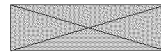
STATE CLEAN POWER PLAN
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CAPTURING ENERGY EFFICIENCY
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Robert Neumann, Associate Director,
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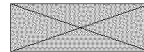
ADMINISTRATIVE PATHWAYS FOR
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Megan Berge, Partner, Baker Botts
LLP



ECONOMIC EFFECT ON THE U.S.
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Attorney, The Law Office of C.
William Smalling, PC



CARBON CONVERSION FOR
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Garvin, Associate Director, Illinois
Institute of Technology

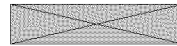


OLD SMOKEY POWER - THE
REGULATORY CONUNDRUM
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Environmental Corporation

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OVERVIEW AND UPDATE OF
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Riaz Mohammed, Manager, EEI



PM2.5 EMISSION FACTORS FOR
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Ramboll Environ; Jasmine Urisk,
CEPEI; Kevin Crosby, Montrose Air
Quality Services



A PROPOSAL FOR U.S. CLEAN AIR
ACT REFORM FOR A GLOBAL
WORLD - Bill Smalling, Attorney, The
Law Office of C. William Smalling,
PC



CRITICAL ISSUES FOR NATURAL
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AIR PERMITTING CHALLENGES FOR
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Jeffrey P. Jaros

FROM A THEORETICAL AIR PERMIT
TO ACTUAL COMPLIANCE -
LESSONS LEARNED - Mary Hauner-
Davis, Manager, Burns & McDonnell;

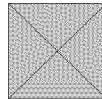
A8. Water & Land Compliance

REGULATORY CHALLENGES
ASSOCIATED W/ PERMITTING
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George Namie, Sr. Air Quality
Specialist, Leidos

IMPLEMENTING NATIONWIDE
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Valisa Nez, Environmental
Regulatory Specialist, Sargent &
Lundy, LLC

ADVANCES IN GHG MITIGATION -
Jesse Frederick, Vice President,
WZI

SITING, PERMITTING, &
OPERATING FACILITIES IN SAGE
GROUSE HABITAT - David Batts,
Principal, EMPSi - Environmental
Management & Planning
Solutions



TIPS FOR SUCCESSFUL GHG
DATA REPORT PREPARATION
AND VERIFICATIONS - Subbarao
Nagulapaty, Associate, GHD

21st Annual EUEC 2018: Energy Utility Environment Conference
March 5-7, 2018. San Diego Convention Center, San Diego, CA

400 SPEAKERS | 200 EXHIBITS | 2,000 ATTENDEES

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From: ECOS
To: Shaw, Betsy
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Subject: Pruitt Advances ECOS Priorities in DC, ECOS Weighs in on U.S. EPA Strategic Plan, & More

ECOSWIRE | Vol. 19 No. 41

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ECOSWIRE

Friday, November 3, 2017

Vol. 19 No. 41

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ECOS President Advances State Priorities across Nation's Capital

This week, Todd Parfitt of Wyoming and ECOS staff participated in a series of meetings to share Parfitt's priorities as ECOS President and information on Cooperative Federalism 2.0 and ECOSResults.org. Parfitt met with the White House Office of Management and Budget on the outlook for state and tribal assistance grants and ECOS' budget priorities generally. Walking the halls of the U.S. Capitol, Parfitt met with Senate Environment & Public Works Committee Chair John Barrasso (R-WY) and Rep. Liz Cheney (R-WY).

Other key meetings included discussions with EPA officials on the new Smart Sectors Program and permitting reform (see related story), and a gathering with the Executive Directors of the Association of Clean Water Administrators and Association of State Wetland Managers on advancing state assumption of the Section 404 program (see related ECOS Resolution). [Dunn/Swanson]

ECOS Expresses Support for Cooperative Federalism, E-Enterprise in U.S. EPA Strategic Plan Comments

ECOS on October 31 submitted comments on the U.S. EPA's draft FY 2018-2022 Strategic Plan. In the comment letter, ECOS offers support for the draft plan's emphasis on cooperative federalism and E-Enterprise for the Environment and suggests additional areas for agency focus, such as emergency response. The letter is accompanied by several pages of technical input on various aspects of the strategic plan.

The draft plan was released October 5 for public comment. Over the course of the 26-day public comment period, ECOS held discussions on the draft through an all-member call and correspondence and submissions from individual states.

Stay tuned for a final version of the strategic plan later this year. [McAleer]

Pruitt Announces Directive on Agency's Science Committees

On October 31, U.S. EPA Administrator Scott Pruitt issued a directive designed to ensure "independence and integrity" of agency Federal Advisory Committees (FACs). The new policy requires all FAC members to be independent from EPA and will prevent any individual who receives EPA funding from serving on one of the agency's FACs. This principle would not apply to state, tribal, or local government agency recipients of EPA grants.

The directive focuses on the following areas related to FACs: strengthening member independence; increasing state, tribal and local government participation; enhancing geographic diversity; and promoting fresh perspectives.

In addition, Pruitt announced key leadership appointments for three of the 23 committees: Michael Honeycutt of the Texas Commission on Environmental Quality will chair the Science Advisory Board; Tony Cox of Cox Associates will head the Clean Air Scientific Advisory Committee; and Paul Gilman of Covanta will serve as Chairman of the Board of Scientific Counselors. In the coming days, the full membership of these committees and boards will be announced and is expected to include state environmental agency science experts. [Swanson]

U.S. EPA Seeks Comments on Applying Federal Permitting Best Practices to State Infrastructure Permits

On October 31, EPA issued a *Federal Register* notice seeking comments on whether federal permitting best practices are generally applicable to infrastructure permits issued by delegated or authorized states as described in Title 41 of the Fixing America's Surface Transportation Act (FAST-41).

Federal “best practices” specifically refers to the January 18 document *Recommended Best Practices for Environmental Reviews and Authorizations for Infrastructure Projects* developed by the Federal Permitting Improvement Steering Council. The document includes the following best practice areas: enhancing early stakeholder engagement; ensuring timely decisions regarding environmental reviews (including exploring opportunities to expand use of general permits where appropriate); improving coordination between federal, state, and tribal agencies; increasing transparency; reducing administrative burdens by using online permit applications, eliminating unnecessary internal process steps, and conducting routine evaluations of permit processes; using geographic information systems (GIS) to expedite permitting; creating and providing training; and implementing other best practices such as use of conflict resolution and third-party neutral facilitators.

Comments are due **November 20**. States are asked to share feedback on the best practices with Beth Graves of ECOS. [Graves]

House Looks at Hurricane Response Takeaways in Two Hearings this Week

This week, the House Committee on Transportation and Infrastructure held a hearing to “explore key takeaways from this year’s unprecedented hurricane season.” One of the witnesses was new U.S. EPA Region 2 Administrator Pete Lopez.

Also this week, the House Committee on Energy and Commerce Subcommittee on Energy held a hearing entitled *The 2017 Hurricane Season: A Review of Emergency Response and Energy Infrastructure Recovery Efforts*. This hearing featured witnesses from the U.S. Department of Energy and U.S. Army Corps of Engineers. [Dunn]

State News You Can Use

[Louisiana, U.S. EPA, and DOJ Reach Air Pollution Settlement with ExxonMobil](#)

[Colorado, U.S. EPA, and Justice Department Reach Air Pact with PDC Energy](#)

[Missouri Accepting Comments on Reducing Red Tape](#)

[Wyoming Works with U.S. EPA to Protect Streams](#)

[Virginia Reports Cleanest Air in Past 20 Years](#)

[Arkansas Staff Get 'Groovy' at Arkansas Environmental Federation Convention](#)

[Maine Announces Governor's Awards for Environmental Excellence](#)

ECOS Resource of the Week

ITRC's Guidance on Complex Sites

Does your state agency use resources from the Interstate Technology and Regulatory Council (ITRC)? One such resource is its latest guidance document, *Remediation Management of Complex Sites*, released this week.

This guidance presents a recommended process for remediation management at complex sites, incorporating and referring to best management practices, tools, and technologies described in previous publications by U.S. EPA, the U.S. Department of Defense, ITRC, and others. The guidance also includes numerous case studies that describe real-world applications of remediation and remediation management at complex sites.

Click [here](#) to view the document. ITRC will hold its first Complex Sites online training class on **February 6, 2018 at 1-3:15 p.m. Eastern**.

ITRC is a state-led coalition of state and federal regulators, industry, and stakeholders working together to achieve regulatory acceptance of environmental technologies. Its website can be accessed at the bottom of ECOS' homepage, or [here](#). [Bodi/Longworth]

Need-to-Know News in Air, Water, & Environmental Justice

U.S. EPA Sets Public Hearing on CPP Repeal

Area of Focus: [Air](#)

U.S. EPA has [announced](#) that it will hold a public hearing on the proposed repeal of the *Carbon Pollution Emission Guidelines for Existing Stationary Sources: Electric Utility Generating Units* (commonly known as the Clean Power Plan, or CPP) in Charleston, West Virginia on **November 28-29**. Registration will be open once the [public meeting notice](#) is published in the *Federal Register*, and all individuals wishing to speak are encouraged to register in advance.

"EPA is headed to the heart of coal country to hear from those most impacted by the CPP and get their comments on the proposed Repeal Rule," said EPA Administrator Scott Pruitt.

For additional details, see the [EPA press release](#) and [EPA website for background](#)

U.S. EPA Issues Pair of Actions on Cross-State Air Pollution

Area of Focus: [Air](#)

U.S. EPA on October 30 announced two actions that address cross-state air pollution for the 2008 ozone standards.

One action denies a petition filed by nine northeastern states under Section 176A of the Clean Air Act asking the agency to add eight states plus portions of Virginia to the Ozone Transport Region. EPA has determined that approaches such as those under the Clean Air Act's (CAA's) good neighbor provision will be more effective in addressing remaining ozone transport obligations for the 2008 standards. More information is available [here](#).

In the second action, EPA issued a memo to provide supplemental information to states and the Regions. This information supports the development or review of State Implementation Plans that address the CAA's "good neighbor" provision, as it pertains to the 2008 ozone National Ambient Air Quality Standards. While this information can inform the development of these plans, the information is not a final determination regarding states' remaining obligations under the good neighbor provision, and any such determination would be made through notice-and-comment rulemaking. More information is available [here](#). [Parisien]

U.S. EPA Signs NODA for Proposed Stays of Oil and Gas Air Rules

Area of Focus: [Air](#)

On November 1, U.S. EPA signed two Notices of Data Availability (NODAs) related to the agency's proposed stays of air requirements in the 2016 New Source Performance Standards for the oil and natural gas industry. EPA on June 16 had proposed a two-year stay and a three-month stay of the rule's fugitive emissions requirements, well site pneumatic pump standards, and requirements that closed vent systems be certified by a professional engineer while the agency reconsiders issues associated with these requirements.

Since proposing the stays, the agency has heard a wide range of concerns and suggestions from stakeholders both about the 2016 rule and the proposed stays. The NODAs provide information on some of these issues and seek comments to assist in developing a final rule. The information provided in the NODAs falls into two categories: challenges to implementing the requirements in the 2016 rule that would be covered by proposed stays; and the agency's legal authority to issue a stay. EPA also is providing an updated analysis of cost savings, forgone benefits, and net benefits of the proposed two-year stay.

EPA will take public comment on the NODAs for 30 days following publication in the *Federal Register*. For more information, click [here](#). [Parisien]

U.S. EPA Recognizes 28 CWSRF Program Successes

Area of Focus: [Water](#)

U.S. EPA on October 31 recognized 28 clean water infrastructure projects for excellence and innovation within the Clean Water State Revolving Fund (CWSRF) program at the 2017 National SRF Workshop hosted in Indianapolis, Indiana by the [Council of Infrastructure Financing Authorities](#). Honored projects range from large wastewater infrastructure projects to small decentralized and agriculture projects.

EPA's Performance and Innovation in the SRF Creating Environmental Success (PISCES) program celebrates innovation demonstrated by CWSRF programs and assistance recipients. The CWSRF is a federal-state partnership that provides communities a permanent, independent source of low-cost financing for a wide range of water quality infrastructure projects. Over the past 30 years, CWSRF programs have provided more than \$125 billion in financing for water quality infrastructure.

"For decades the Clean Water State Revolving Fund has supported critical water infrastructure projects that help grow the American economy and support our way of life," said Mike Shapiro, Acting Assistant Administrator for EPA's Office of Water. "These projects are a testament to the power of the Clean Water State Revolving Fund in leveraging investment to meet the country's diverse clean water needs."

More about the projects and the PISCES program can be found [here](#). Information about an ECOS project to identify and share innovative CWSRF work can be found [here](#). [Parisien/Piper]

U.S. EPA Announces Selections for 2017 Environmental Justice Small Grants

Area of Focus: [Environmental Justice](#)

U.S. EPA has announced the award of nearly \$1.2 million in competitive grants to 36 community and tribal organizations working to address environmental justice issues in their communities. The grants enable these organizations to conduct research, provide education, and develop community-driven solutions to local health and environmental issues in minority, low-income, and tribal communities.

In an effort to increase outreach to affected communities in states and territories, the 2017 [Environmental Justice Small Grants \(EJSG\) Program](#) placed special emphasis on proposals from under-represented states that have been awarded three or fewer EJSGs over the last five years. Of the [36 total projects selected](#), 23 are from underrepresented

states (64%). The agency will make final awards upon successful completion of the award application process. [Poole]

E-Enterprise for the Environment

E-Enterprise

McDonnell Appointed to E-Enterprise Leadership Council

This week, ECOS President Todd Parfitt of Wyoming appointed Pennsylvania Department of Environmental Protection Secretary Patrick McDonnell to serve on the E-Enterprise Leadership Council (EELC). McDonnell fills the state EELC vacancy created when John Stine of Minnesota ended his term as ECOS President.

ECOS thanks Stine for his EELC service and welcomes McDonnell to the leadership body. [Graves]

Member News

Tormey of Iowa Elected to ACOEL Fellowship

Congratulations to Ed Tormey, General Counsel of the Iowa Department of Natural Resources, on his election last week as a Fellow of the American College of Environmental Lawyers (ACOEL). Tormey has practiced environmental law in both the private and public sectors for 27 years and also has served as Legal Services Bureau Chief at the Ohio Environmental Protection Agency.

As reported in last week's *ECOSWIRE*, former ECOS member and President Tom Burack also was one of 20 individuals from across the nation elected last week to the College Fellowship at ACOEL's 10th anniversary meeting in Charleston, South Carolina. [Parisien]

Career Opportunities

ECOS Seeks Project Manager

ECOS is accepting applications for a Project Manager to support the work of E-Enterprise for the Environment (EE) and the National Environmental Information Exchange Network (EN). The Project Manager works with senior staff at state environmental agencies, U.S.

EPA, and tribes to support the operation of the EN, and to facilitate its deeply connected and formative role in EE.

To apply for this position, send a resume and cover letter [here](#) by November 30 with subject "Application for Project Manager."

See more information [here](#). [Longworth]

Upcoming Events

Meetings

Butler of Ohio to Participate in Disaster and Public Safety Brown Bag on the Hill

The Sea Grant Association [invites](#) interested attendees to a lunchtime briefing, *Using Science and Outreach to Assist State and Local Decision Makers in Disaster Preparedness and Public Safety*. ECOS member Craig Butler of Ohio will participate in the lunchtime discussion, which is sponsored by Congressmen Lee Zeldin of New York and Joe Courtney of Connecticut.

The event will be held **November 8 at 12-1:30 p.m.** in the Rayburn House Office Building. RSVP by November 3 to [Joel Widder](#). [Piper]

ECOS Calls

November, December All-Member Calls

ECOS will hold its remaining two All-Member Monthly Calls in 2017 on:

- **November 16, 4-5 p.m. Eastern** on science and research
- **December 14, 3-4 p.m. Eastern** on data and analytics

Please mark your calendars now. An agenda with dial-in information will be emailed to all ECOS members prior to the call. [Swanson]

Superfund Workgroup

The ECOS Superfund Workgroup will hold its next call on **November 27 at 2:30-3:30 p.m. Eastern** to continue state-U.S. EPA discussion of implementing the recommendations of the EPA Superfund Task Force. The workgroup is chaired by ECOS Waste Committee Chair Scott Thompson, Director of the Oklahoma Department of Environmental Quality, and has the regular participation of EPA Task Force Chair Kell Kelly, Senior Advisor to the

Administrator, and other EPA leaders.

The call will include a report-out on Superfund discussions at the recent ASTSWMO Annual Meeting by ASTSWMO CERCLA/Brownfields Subcommittee Chair Amy Brittain of Oklahoma and former ASTSWMO Past President Bonnie Buthker of Ohio. Call participants will provide input on the solutions proposed.

For more information, please contact [Lia Parisien](#) of ECOS. [Parisien]

Shale Gas Caucus

The ECOS Shale Gas Caucus (SGC) will kick off its Phase 3 cross-media webinar series on **December 6 at 2-3 p.m. Eastern** with a discussion of preventing produced water spills and leaks. Moderated by SGC Co-Chairs Dave Glatt of North Dakota and Martha Rudolph of Colorado, the call will feature Scott Anderson and Dan Mueller of the Environmental Defense Fund and Roy Hartstein of Southwestern Energy. Jim Kenney of U.S. EPA's Office of Enforcement and Compliance Assurance will follow with an announcement of an SGC success story in the area of produced water.

For more information, please contact [Lia Parisien](#) of ECOS. [Parisien]

Webinars

California on Safer Consumer Products

California's Department of Toxic Substances Control (DTSC) will hold a Safer Consumer Products program public workshop on lead-acid batteries and alternatives on **November 6** in Sacramento, California. The event will be broadcast via webinar and will cover the various uses of lead-acid batteries, the regulatory landscape they face, lithium-iron-phosphate batteries as a potential alternative in vehicles, automobile manufacturer perspectives, and issues such as recycling.

This information is being gathered as part of DTSC's work to evaluate whether lead-acid batteries should be listed as a Priority Product under California's Safer Consumer Products regulations. Public comments and questions are welcome.

Register for the [in-person or webinar](#) and download the [agenda](#) and event [announcement](#). [Longsworth]

U.S. EPA and the Army Corps on WOTUS by Sector

U.S. EPA and the U.S. Army Corps of Engineers have announced ten teleconferences to hear from stakeholders their recommendations for revising the definition of "Waters of the United States" under the Clean Water Act. The first nine teleconferences will be tailored to specific industries, as follows, and the tenth will be open to the public at large.

The teleconferences will run throughout the fall on **Tuesdays at 1-3 p.m. Eastern** as follows:

- **November 7** scientific organizations and academia;
- **November 14** stormwater, wastewater management and drinking water agencies; and
- **November 21** general public. [Piper]

ECOS and U.S. EPA on Compliance Research Part 5

Part 5 of the Compliance Research Webinar Series entitled *Innovative Approaches to Foster Compliance – the Role of Deterrence* will be held on **November 9 at 1-2:30 p.m. Eastern**.

Dr. Sarah Stafford, a Professor at the College of William and Mary working in Economics, Public Policy, and Law, will present the basic theories of compliance and deterrence and the findings of social science research on what techniques are most effective. She also will present some innovative approaches being used in programs across the U.S. to encourage facilities to increase voluntary compliance and to decrease inadvertent violations.

The Compliance Research Webinar Series, hosted by the National Enforcement Training Institute of the U.S. EPA Office of Enforcement and Compliance Assurance and designed for ECOS and U.S. EPA, helps program administrators understand how collaboration with academics can identify effective and measureable approaches to compliance.

For more information, please contact [Sonia Altieri](#) of ECOS. [Altieri]

ITRC on Long-term Contaminant Management Using Institutional Controls

On **November 14 at 1-3:15 p.m. Eastern**, the Interstate Technology and Regulatory Council (ITRC) will host a free online training on institutional controls (ICs), which are administrative or legal restrictions that provide protection from exposure to contaminants on a site.

After attending the training, participants will be able to describe best practices and evolving trends for IC management at individual sites and across state agency programs; improve IC reliability and prevent IC failures; improve existing, or develop new, IC management programs; identify the pros and cons about differing IC management approaches; and more.

Learn more and register [here](#). [Bodi]

U.S. EPA on Drinking Water Issues

U.S. EPA's Office of Research and Development and the Office of Water host a monthly [webinar series on small drinking water systems](#). Their schedule for the rest of the year is:

- **November 15** - National Stormwater Calculator for Managing Runoff
- **November 28** - Lead in Schools and Selecting Lead Free Fixtures
- **December 12** - Residual Chlorine and Calibration Check for Chlorine Instruments

More information on the small systems webinars, including recordings of past webinars and how to register, is available [here](#). [Hanson]

U.S. EPA ORD on Cyanobacteria Monitoring

U.S. EPA's Office of Research and Development will hold its next monthly Tools and Resources webinar on **November 15 at 3-4 p.m. Eastern**.

The webinar will focus on monitoring cyanobacteria with satellites, highlighting how federal agencies (EPA, NASA, NOAA and USGS) are collaborating to use real-world satellite applications that support environmental management of U.S. lakes by quantifying cyanobacterial harmful algal blooms and related water quality parameters. This webinar will also address provisional satellite derived cyanobacteria data and three software tools available to state environmental and health agencies for review and testing as part of the Cyanobacteria Assessment Network (CyAN).

[Register here](#). [Longworth]

ITRC on PVI: Fundamentals of Screening, Investigation, and Management

On **November 16 at 1-3:15 p.m. Eastern**, the Interstate Technology and Regulatory Council (ITRC) will host a free online training on petroleum vapor intrusion (PVI), the process by which volatile petroleum hydrocarbons released as vapors from light nonaqueous phase liquids, petroleum-contaminated soils, or petroleum-contaminated groundwater migrate through the vadose zone and into overlying buildings.

After attending this training, participants should be able to determine when and how to use the ITRC PVI document at their sites; describe the important role of biodegradation impacts on the PVI pathway (in contrast to chlorinated solvent contaminated sites); value a PVI conceptual site model and list its key components; and more.

Learn more and register [here](#). [Bodi]

NIH on Wildfire Risk Communication and Health Effects

On **November 17 at 1-2 p.m. Eastern**, the National Institutes of Health will host a webinar

on the impacts of wildfires on the health of vulnerable individuals and on communities exposed periodically to such events.

The presentations will cover how environmental exposures associated with wildfires affect human health, as well as approaches being used to develop targeted risk communication about wildfires for a variety of audiences.

[Register here.](#)



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To: Shaw, Betsy
Sent: 12/22/2017 4:34:41 PM
Subject: ECOS Leaders Meet in Washington to Advance Cooperative Federalism, Congress Funds Government thru Mid-January, & More

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ECOSWIRE

Friday, December 22, 2017

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*ECOS will not be published on December 29 and will resume publication January 5.
From all the ECOS staff, best wishes for the holidays and New Year!*

ECOS Leaders Advance Discussions with U.S. EPA on Cooperative Federalism and More

This week ECOS President Todd Parfitt of Wyoming, Vice President Becky Keogh of Arkansas, Secretary-Treasurer Jim Macy of Nebraska, and ERIS President David Paylor of Virginia conducted visits with U.S. EPA officials in Washington, DC, to continue conversations around oversight of delegated programs and advancing Cooperative Federalism 2.0. The ECOS leaders met with Henry Darwin, Deputy Assistant Administrator and Chief of Operations, and officials in the U.S. EPA Offices of Air and Radiation and Enforcement and Compliance Assurance.

The leadership also spent time on the search process for a new ECOS/ERIS Executive Director. The members' commitment to the organizations agendas at this busy time of year is sincerely appreciated. [Dunn]



Congress Funds Government through Mid-January

On December 20, Congress passed a Continuing Resolution (CR) to fund the federal government through January 19, 2018. The third CR in the FY 2018 budget cycle, this bill maintains FY17 spending levels, albeit with some budget anomalies associated with various policy riders. The bill is expected to be signed by President Trump before the current CR expires at midnight Friday.

With lawmakers imminently heading home for the holiday recess, negotiations will resume in January on overall spending caps as well as several unrelated issues expected to be rolled into the budget debate. [McAleer]

U.S. EPA Announces Next Steps Following Proposed CPP Repeal

U.S. EPA on December 18 issued an [Advance Notice of Proposed Rulemaking](#) (ANPRM) indicating that the agency will solicit public input as it considers the next regulatory steps to limit greenhouse gas emissions from existing electric utility generating units (EGUs), also known as power plants.

The ANPRM is a separate, but related, action to the October 16 proposal to repeal the Clean Power Plan. It offers the public the opportunity to comment on specific topics for the agency to consider in developing any subsequent proposed rule. EPA is specifically soliciting information on systems of emission reduction for EGU facilities, compliance measures, and state planning requirements under Clean Air Act section 111(d).

EPA will take comment on the ANPRM for 60 days following publication in the *Federal Register*. More information, including the ANPRM and fact sheet, are available [here](#). [Poole]

ECOS and Other State Media Associations Co-Sign Letter on VIDA

ECOS and three other nonprofit associations representing state environmental regulatory agencies (the Association of Clean Water Administrators [ACWA], the Association of State Wetland Managers [ASWM], and the Association of Fish and Wildlife Agencies [AFWA]) co-signed a letter to members of Congress this week detailing the potential consequences for environmental quality if the Vessel Incidental Discharge Act (S. 1129) were enacted. The associations previously wrote a [letter of concern](#) on VIDA in June 2016.

Read this week's letter [here](#). [Longsworth]

U.S. EPA Finalizes e-Manifest User Fee Rule

U.S. EPA on December 20 finalized its rule for setting and revising fees for users of the e-Manifest system. This final e-Manifest User Fee Rule completes the regulatory framework for implementing Congress' *Hazardous Waste Electronic Manifest Establishment Act of 2012*, which authorizes EPA to implement a national system and collect user fees to recover the costs of developing and operating the system.

Click [here](#) for more information about the final e-Manifest User Fee Rule, including the pre-publication version.

For additional information, join EPA for the next e-Manifest webinar on **January 3 at 2-3:30 p.m. Eastern** by accessing the live webinar [here](#). [Parisien]

Former U.S. EPA Acting Administrator McCabe Tapped to Head New Jersey DEP

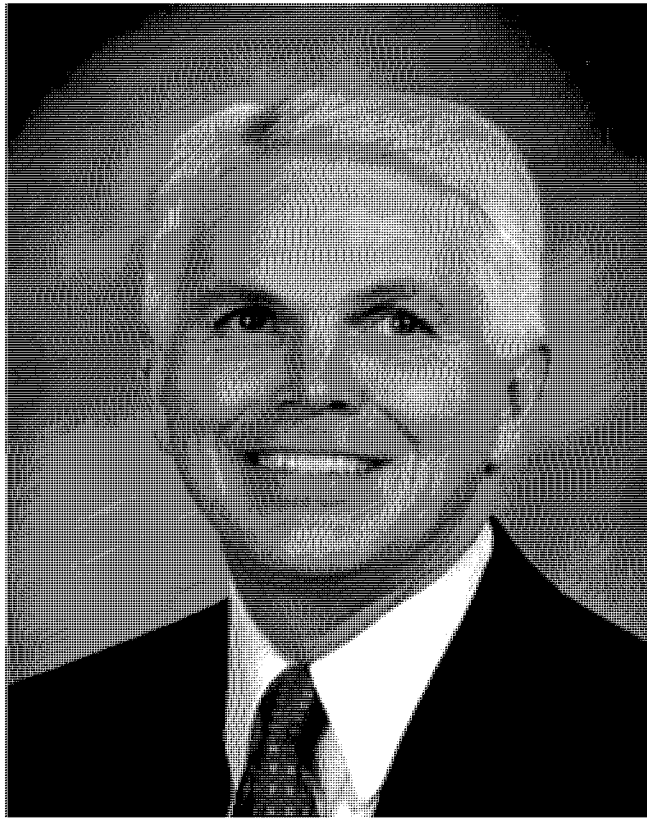
New Jersey Governor-Elect Phil Murphy on December 20 announced his selection of former U.S. EPA Acting Administrator Catherine McCabe to serve as Commissioner of the state Department of Environmental Protection. She will succeed Bob Martin in the post.

Among McCabe's previous positions are Deputy Regional Administrator of EPA's Region 2 and Deputy Chief of the U.S. Department of Justice Environmental Enforcement Section. ECOS looks forward to welcoming her as a member! [Parisien]

Ehm Selected as Executive Committee Region 7 Representative

ECOS is pleased to announce that Bill Ehm of Iowa has been selected by his regional colleagues to serve as Region 7 Representative to the Executive Committee. Ehm fills the unexpired term of Jim Macy, who was elected Secretary-Treasurer earlier this year.

Ehm's term is effective through the 2018 Fall Meeting, with the option for renewal for a full two-year term. [Swanson]



Bill Ehm of Iowa

Cross Off Spring Meeting Registration and Reservations from Your Holiday To Do List

ECOS' elves are already hard at work planning a timely and wide-ranging Spring Meeting on *Getting to Results*. The gathering, to be held March 20-22 ECOS Spring Meeting in St. Paul, Minnesota, will spotlight ECOS' expanding [Results.org](https://www.results.org) effort, as well as state initiatives to accelerate and enhance land cleanups, promote cross-agency partnerships, ensure a secure and sustainable energy future, encourage Sustainable Materials Management, achieve tangible results through Cooperative Federalism 2.0 and E-Enterprise, tackle PFAS, and effectively communicate progress to the public.

Also planned are keynotes by Governor Mark Dayton of Minnesota (invited) and a generational expert on building for future agency success, a point-counterpoint session on Clean Water Action 404 assumption, and two offsite evening events including an excursion to the Science Museum of Minnesota.

Register by **February 16** to receive the reduced early bird rate. Also, act now to reserve a room at the hotel by calling The Saint Paul Hotel at (800) 292-9292, and mention the ECOS Spring Meeting to receive the group rate. The special ECOS group rates of \$149 (government and staff room) and \$169 (deluxe room) plus tax are available until February 19 or sellout of the room block, whichever is sooner. ECOS room nights include March 19, 20, and 21, with limited availability March 22. Visit the [Spring Meeting](#) page for additional

details.

For [agenda](#) or [sponsorship](#) information, please contact Lia Parisien of ECOS. Contact Sarah Grace Longworth for registration information and Megan Swanson for hotel information. [Parisien]

State News You Can Use

[New Mexico Develops Streamlined Oil and Gas Air Emissions Application](#)

[Ohio EPA Announces 2018 Water Pollution Control Loan Fund Program Management Plan](#)

[Mississippi Offers Tips to Promote a Green Holiday Season](#)

Need-to-Know News in Compliance and Enforcement, Air, & Water

U.S. EPA Delays FY17 Data Verification, Plans Webinar on Verification Tool and Improvements

Area of Focus: [Compliance and Enforcement](#)

This week, ECOS shared with members a letter from U.S. EPA's Office of Enforcement and Compliance Assurance (OECA) announcing a delay in the timing of the FY2017 data verification period to allow states time to review changes to the metrics and measures for the State Review Framework Round 4.

The letter also announces a national webinar on **January 16, 2018 at 3-4:15 p.m. Eastern** regarding data verification and improvements EPA has made to its tool that states use to complete their verification process. States may register [here](#).

For more information, contact [Rebecca Kane](#) of OECA. [Graves]

Court Orders U.S. EPA to Set Timetable for Ozone

Designations

Area of Focus: Air

On December 20, the U.S. Court of Appeals for the DC Circuit ordered U.S. EPA to act by **January 12** to set a firm date and outline a compliance timetable for remaining attainment designations for the 2015 ground-level ozone standard.

All designations were due October 1. U.S. EPA formally published designations for areas of the country in attainment on November 16. The final decisions for areas likely out of compliance have not been released.

In June 2017, EPA Administrator Scott Pruitt announced a one-year extension that would have pushed back the deadline for all attainment designations until October 2018. This extension was withdrawn in August 2017. For enforcement purposes, the attainment designations start the clock for states that must draft cleanup plans for areas that are out of compliance. [Poole]

U.S. EPA Launches Water System Partnerships Website

Area of Focus: Water

U.S. EPA has launched a new interactive website to promote awareness of the benefits of drinking water partnerships. For communities and utilities facing growing costs and challenges for treating drinking water, drinking water system partnerships provide opportunities to increase capacity, share costs, and leverage other resources.

The new website highlights ways partnerships can address these challenges, enhancing public health by working together and sharing information through a user-friendly interface accessible to states, communities, utilities, and others. [Piper]

U.S. EPA Appointments

Stepp Moving From Region 5 to Helm of Region 7

U.S. EPA Administrator Scott Pruitt on December 19 announced the appointment of former ECOS member Cathy Stepp to become Regional Administrator for Region 5.

Stepp currently serves as Principal Deputy Regional Administrator for Region 7 and will return to the Midwest region, where was Secretary of the Wisconsin Department of Natural Resources from 2011 to 2017. Stepp also previously served as a Wisconsin State Senator. [Parisien]

ECOS Staff News

Graves Promoted to Executive Project Manager

ECOS congratulates Beth Graves on her recent promotion to the position of Executive Project Manager!

Graves, who has worked for the association for a decade, spearheads work conducted under the E-Enterprise for the Environment initiative and the ECOS Planning Committee. [Parisien]

Opportunities

Reminder: State Communications Leads Sought for New ECOS Community of Practice

ECOS invites all members to provide the contact information for their agency's lead communications expert to become part of our new Communications Community of Practice. In accordance with [ECOS President Todd Parfitt's 2017-2018 priorities](#), ECOS is launching this virtual learning community for state communications professionals to share best practices, success stories, challenges, and transferable lessons.

It is anticipated that once all contacts are identified, the group may hold three calls per year and also use one another as resources to share questions and information. The group also will periodically interface with U.S. EPA communications leads from Headquarters and the Regions.

Contact information for your state expert may be sent to [Nia Duke](#) of ECOS. [Duke]

U.S. EPA Invites Nominations to National Advisory Council for Environmental Policy and Technology

U.S. EPA is seeking nominees to fill several potential vacancies on the National Advisory Council for Environmental Policy and Technology (NACEPT). Representatives of state, local, and tribal governments, academia, industry, and nongovernmental organizations serve on this federal advisory committee.

NACEPT provides advice to the EPA Administrator on a range of policy, management, and technology issues.

For more information, including how to apply, refer to the [Federal Register notice](#). The

deadline for applications is **January 3, 2018**. [Hanson]

U.S. EPA Seeks Nominations to Commission for Environmental Cooperation Committee

U.S. EPA invites nominations for appointment to the Governmental Advisory Committee to advise the U.S. Representative to the Commission for Environmental Cooperation.

Nominees are sought by **February 16, 2018** from the state, local, and tribal government sectors. For more information, click [here](#). [Parisien]

Upcoming Events

Webinars

ITRC on Remedy Selection for Contaminated Sediments

The Interstate Technology & Regulatory Council (ITRC) will hold its first online training of 2018 on *Remedy Selection for Contaminated Sediments* on **January 9, 2018 at 1-3:15 p.m. Eastern**.

The sediments underlying many of our nation's major waterways are contaminated with toxic pollutants from past industrial activities. Cleaning up contaminated sediments is expensive and technically challenging. Sediment sites are unique and complex, and require a multidisciplinary approach and often project managers lack sediments experience. This training course will teach participants to apply the associated ITRC technical and regulatory guidance as a tool to overcome the remedial challenges posed by contaminated sediment sites.

Learn more and register [here](#). [Bodi]

Exchange Network on Grant Applications

In support of the FY 2018 Exchange Network (EN) Grant cycle, U.S. EPA is hosting webinars to assist interested applicants. The final webinar will be held **January 10, 2018 at 1-2 p.m. Eastern**. Topics will include a summary of the FY 2018 EN Grant program, new and modified solicitation notice content, administrative procedures for submitting applications, tips on writing a high-quality application, and a question-and-answer session for potential applicants.

To participate, call [\(866\) 299-3188](tel:8662993188) and use conference code [2025660466#](#), and access this [webinar link](#). An Adobe Connect account is not required to enter the webinar, and

participants can simply log in as a guest.

For more information, please contact EPA's [Salena Reynolds](#). [McAleer]

ECOS and U.S. EPA on ECHO

An E-Enterprise ECHO team led by Oklahoma and EPA has identified potential improvements to the display, usability, and accuracy of U.S. EPA's Enforcement and Compliance History Online (ECHO) website. The team has identified a number of possible enhancements to improve the user experience and the display of facility compliance history.

Two identical webinars were planned to share the proposed changes with the co-regulator community and receive feedback. The first was held on December 12, and a second webinar will repeat the same content on **January 11, 2018 at 12-2 p.m. Eastern**. Please register [here](#).

In advance of the webinars, states can learn more about the proposed changes in this [summary document](#). Please note that the changes are proposals only at this point and the team is seeking comments and input to ensure that proposed changes will meet the needs of ECHO stakeholders. You may send general written comments, questions, and markup of the summary document to [Layne Piper](#) of ECOS.

Oklahoma, as state team lead, asks states to provide input on a very brief set of questions to help the team better understand the ECHO community's preferences for a specific set of display and labeling options. Please click [here](#) by **January 26** to participate. [Piper]

NEWMOA and NERC on C&D Materials Management & Markets in the Northeast

The Northeast Waste Management Officials Association (NEWMOA) and Northeast Recycling Council (NERC) will host a webinar on Construction & Demolition (C&D) Materials Management and Markets in the Northeast on **January 17, 2018 at 2-3:30 p.m. Eastern**.

The discussion will center on two main areas:

- The results of NEWMOA's recently released analysis of data collected by the environmental agencies in Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, and Vermont on architectural C&D materials disposal, processing, and recovery for reuse and recycling.
- The results of a Massachusetts Department of Environmental Protection (MassDEP) funded study that evaluated the current and future status of C&D debris management in Massachusetts, and identified and recommended potential opportunities for the diversion of a greater proportion of recyclable materials to recycling markets. NERC

administered and contracted with DSM Environmental Services to conduct the project. MassDEP has established a goal of diverting 50 percent of C&D materials from disposal, but in recent years the actual diversion rate has plateaued at around 30 percent. The primary objective of the analysis undertaken by DSM was to first assess incoming and outgoing materials at Massachusetts C&D processors and handling facilities, and to determine what the opportunities and constraints are to increase materials diversion beyond 30 percent.

Register for the webinar [here](#). Please reach out to [Connor MacCartney](#) with any questions. [MacCartney]

U.S. EPA on Urban Soil Contamination

U.S. EPA will hold its first Tools and Resources webinar of the New Year on **January 17, 2018 at 3-4 p.m. Eastern**. The webinar will focus on identifying sources (site-related or natural, anthropogenic) of soil contamination in urban settings, a process vital to decision-making during environmental cleanups.

Presenters will discuss EPA's methodology for citywide or urban area background data set collection, as well as results of a recent U.S. EPA study on soil contamination in Louisville and Lexington, Kentucky; Memphis and Chattanooga, Tennessee; Raleigh and Winston-Salem, North Carolina; and Gainesville, Florida.

To register, click [here](#). [Longworth]

ECOS on 2018 Clean Water SRF

On **January 30, 2018 at 2-3:30 p.m. Eastern**, ECOS will host a webinar to highlight three states' innovative uses of Clean Water State Revolving Funds (CWSRF). The three featured projects demonstrate unique uses and dispersion of CWSRF funds, and offer valuable case studies that will build state capacity and knowledge.

See [this flyer](#) for more information on the presentations from Idaho, Iowa, and Massachusetts. The webinar is the product of a research project to document the flexibilities of the CWSRF. ECOS is working under a cooperative agreement with U.S. EPA's Office of Water.

Register [here](#) for the webinar, or contact [Layne Piper](#) for more information. [Piper]



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From: ECOS
To: Shaw, Betsy
Sent: 8/4/2017 7:16:46 PM
Subject: ECOS Explores Lean, Superfund, & Results, Publishes Green Report on Permit Streamlining

ECOSWIRE | Vol. 19 No. 30

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ECOSWIRE

Friday, August 4, 2017

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States, U.S. EPA Gather in Denver to Talk Lean

A group of 42 business process improvement (BPI) leaders representing 16 states and U.S. EPA met this week at EPA's Region 8 offices in Denver to share lessons learned and strengthen ties among environmental agency process improvement professionals. Over the course of the August 1-2 gathering, the group formulated a plan to coordinate their respective initiatives, share results data, and establish a structure for an official national BPI network.

State leaders and EPA Lean Advocates also gained insight from presentations and tours from several Colorado-based innovators including the City of Denver Peak Academy, Colorado Department of Transportation, and Governor's Office Lean team.

ECOS thanks all the states that participated in the meeting: Arizona, Arkansas, California, Colorado, Delaware, Iowa, Minnesota, Montana, New Hampshire, Ohio, Rhode Island, Utah, Vermont, Washington, Wisconsin, and Wyoming. Please contact [Owen McAleer](#) of ECOS for more information on this work.

In related news, the EPA Office of the Inspector General (OIG) this week released a [report](#) finding that the agency "needs to institutionalize its 'Lean' program to reap cost and time benefits." Among OIG's recommendations to the agency was the "development of a cohesive strategy for leading, implementing, and monitoring the Lean initiative." Last month, EPA named former ECOS member Henry Darwin of Arizona as Assistant Deputy Administrator and Chief Operating Officer with the charge of implementing a Lean management system to achieve better results for the agency. Darwin will participate in an ECOS Fall Meeting roundtable on *Inspiring Innovation and a Change-Oriented Culture* alongside his Arizona successor, Misael Cabrera, and other states. [McAleer]



ECOS Superfund Workgroup Holds Inaugural Call, Seeks More Members

Senate Hearing Focuses on Superfund Modernization

A new ECOS Superfund Workgroup on July 31 held its inaugural call to chart a cooperative federalism course in implementing the recent recommendations of the U.S. EPA Superfund Task Force recommendations (see July 28 edition of *ECOSWIRE*). Led by ECOS Waste Committee Chair Scott Thompson of Oklahoma, the workgroup will hold monthly calls to maximize state-federal cooperation in implementing the federal recommendations. Task force Chair Kell Kelly, Senior Advisor to the EPA Administrator, will participate in the workgroup along with other EPA officials and leaders of the Association of Solid Waste Management Officials (ASTSWMO).

On the call, ECOS members expressed support for the overarching goals of the recommendations to accelerate and improve cleanups and said states want to be an integral part of achieving them. Members pointed to a need to be involved upfront in issues like remedy selection and to find ways to avoid duplication of effort and contain costs to states.

In August 1 [testimony](#) before a Senate Environment & Public Works subcommittee, former ASTSWMO President Jeffery Steers echoed these sentiments, pointing to an opportunity

to modernize certain aspects of Superfund law to acknowledge the role of states as co-regulators who operate sophisticated programs across the country. “Our members, and to some extent our regulated community, continue to be challenged with the skyrocketing financial obligations associated with remediating contaminated lands,” Steers said.

Steers also pointed to ECOS’ *Cooperative Federalism 2.0* effort during the question-and-answer period. C-SPAN’s video coverage of the hearing is available [here](#).

If you are interested in participating in the new ECOS workgroup, or have written comments or suggested call topics to share, please contact [Lia Parisien](#) of ECOS. [Parisien/Harrison]

ECOS All-Member Webinar Provides Sneak Preview of ECOSResults.org

ECOS convened an All-Member Webinar on August 1 to provide an update on the ECOS Results Project and a first glimpse at preliminary infographics and site designs of ECOSResults.org. An adaptable and engaging website, ECOSResults.org will use charts, graphs, and other data displays to show the progress states are making to protect human health and the environment.

Under the leadership of ECOS President John Linc Stine of Minnesota and Past President Martha Rudolph of Colorado, ECOS launched the project in 2016 to identify common environmental, economic, and public health progress measures for all states to use. Fourteen common measures were selected in early 2017 following a robust state-led process through the ECOS Planning Committee, in coordination with the state environmental media associations.

ECOS members on the call were supportive of the design preview. Stay tuned for a demo of ECOSResults.org at the ECOS Fall Meeting. If you have any questions about the project, please contact [Sonia Altieri](#) or [Connor MacCartney](#) of ECOS. [Altieri]

New ECOS *Green Report* Spotlights State Permit Streamlining

In an effort to showcase state innovations in permitting processes, ECOS has prepared a *Green Report* on permit streamlining efforts.

The report, titled *Streamlining Permitting: An Inventory of State Environmental Agency Online Tools and Resources*, provides details of initiatives as they appear on the websites of state environmental agencies. [Harrison]

ECOS, Other Associations Urge U.S. EPA to Clarify 404 Assumption

This week ECOS and the Association of Clean Water Administrators and Association of State Wetland Managers sent a [letter](#) to U.S. EPA's Office of Water encouraging the agency to adopt the majority recommendations included in the final report of the Assumable Waters Subcommittee and undertake an effort to clarify Section 404(g), either through guidance or rulemaking.

The letter expresses appreciation for the agency's response to state requests to clarify the 404 assumption process, and says "many states already play a major role in implementation of dredge and fill regulations, and that combined state-federal programs provide effective, efficient, resilient, protective, and stable regulation in accordance with Section 404 of the Clean Water Act." [Piper]

ECOS Fall Meeting Early Registration Ends Today; Room Block Closes August 9

Early registration closes today for ECOS' action-packed 2017 Fall Meeting in Jackson Hole, Wyoming on *Bright Ideas: States Leading the Way*. The interactive program ties together a number of cutting-edge ECOS initiatives of interest to a variety of stakeholders. Among the highlights, ECOS will feature outstanding programs selected for 2017 State Program Innovation Awards, unveil a new dashboard that states can use to better protect human health and the environment, and explore early wins in its Cooperative Federalism 2.0 campaign to forge an improved state-U.S. EPA partnership.

Confirmed keynoters are Wyoming Governor Matt Mead and former ECOS member Collin O'Mara (Delaware), now President & CEO of the National Wildlife Federation. Attendees also will be welcomed to the meeting by David Vela, Superintendent of Grand Teton National Park. U.S. EPA officials already confirmed to attend are Assistant Deputy Administrator & Chief of Operations Henry Darwin, Senior Advisor to the Administrator for Regional & State Affairs Ken Wagner, and Acting Deputy Administrator Mike Flynn. Sure to be a highlight of the meeting is an evening excursion to Grand Teton National Park.

The public portion of the Fall Meeting runs September 11 and 12, with **states-only sessions planned until 11:15 a.m. on September 13**. These discussions will be followed by the E-Enterprise for the Environmental Leadership Council Meeting on the afternoon of September 13 and morning of September 14 until 11:30 a.m. The special ECOS group rates at Snow King Resort are available until **August 9** or sellout of the room block, whichever is sooner.

See the Fall Meeting [website](#) for the agenda, online registration, hotel reservation link, hotel overflow suggestions, ground transportation options, and area attractions. For more

information about the agenda, sponsorship opportunities, or the hotel, contact [Lia Parisien](#) of ECOS. For additional registration information, contact [Sarah Grace Longworth](#) of ECOS. [Parisien]

State News You Can Use

[New York YouTube Series Features DEC Staff and Their Work](#)

[Pennsylvania Develops App for O&G Inspections, Nominated for National Award](#)

[Tennessee Digitizes Septic System Cords for Public](#)

[Missouri Offers Compliance Assistance Visits](#)

[Rhode Island Offers \\$4 Million to Help Communities Protect Open Space](#)

[Utah Voluntary Cleanup Program Promotes Streamlined Process](#)

Member Spotlight

**Two Minutes with Julie Moore, Secretary,
Vermont Agency of Natural Resources**



**How long have you been Secretary of the Vermont Agency of Natural Resources?
What's your best experience thus far?**

I was appointed by Governor Phil Scott in January 2017. My best experience thus far been the opportunity to learn from the amazing scientists and practitioners who work on the incredible diversity of issues ANR is tasked with – everything from cumulative contaminant risk to groundwater as a public trust to forest fragmentation and even endangered mussels!

How has being a member of ECOS benefited you?

ECOS provides the opportunity to meet my counterparts in other states. Still feeling quite new to the job, there is so much value in having a network of peers who are very generous with their time and sharing their experience.

What is the best management advice you've received?

"Play it straight." Ultimately, people – whether staff, advocates, or the public – appreciate direct, concise, honest answers, including saying "I don't know" when you don't know.

CONTINUED HERE

Need-to-Know News in Air & Waste

U.S. EPA Withdraws Extension for 2015 Ozone NAAQS Designations

Area of Focus: Air

On August 2, U.S. EPA withdrew the 1-year extension of the deadline for promulgating initial area designations for the 2015 Ozone National Ambient Air Quality Standards (NAAQS) published in the June 28 Federal Register. Through discussions with states concerning designations, EPA now understands that the information gaps that formed the basis of the extension may not be as expansive as the agency previously believed. There may be areas where designations could move forward in the next few months. Publication of this action in the *Federal Register* is expected within the next couple of weeks.

The action comes a day after several states filed a [petition for review](#) in the U.S. Court of Appeals for the DC Circuit. New York, California, Connecticut, the District of Columbia, Delaware, Illinois, Iowa, Maine, Massachusetts, Minnesota, New Mexico, Oregon, Rhode Island, Pennsylvania, Vermont, and Washington are asking the U.S. Court of Appeals to review EPA's decision to extend the deadline for promulgating initial area designations for the 2015 ozone NAAQS.

While not referencing the lawsuit directly, EPA Administrator Scott Pruitt notes in an August 2 [press release](#), "Under previous Administrations, EPA would often fail to meet designation deadlines, and then wait to be sued by activist groups and others, agreeing in a settlement to set schedules for designation. We do not believe in regulation through litigation, and we take deadlines seriously." He adds, "We believe in dialogue with, and being responsive to, our state partners. Today's action reinforces our commitment to working with the states through the complex designation process." [Poole]

U.S. EPA 2017 Air Trends Report Shows Significant Progress

Area of Focus: [Air](#)

On August 2, U.S. EPA released its annual air trends report titled [Our Nation's Air: Status and Trends Through 2016](#) that shows significant air quality strides during a time of economic growth.

Reporting that that this progress often is overlooked, EPA points to the Association of Air Pollution Control Administrators' report [The Greatest Story Seldom Told](#), which explains that "[t]hrough the Clean Air Act's framework of cooperative federalism, hard-working state and local air agencies have been responsible for tremendous progress in virtually every measure of air quality."

The report shows that between 1990 and 2016, national concentration averages of harmful air pollutants decreased considerably, with:

- Lead (3-month average) down 99 percent;
- Carbon monoxide (8-hour) down 77 percent;
- Sulfur dioxide (1-hour) down 85 percent;
- Nitrogen dioxide (annual) down 56 percent;
- Ground-level ozone (8-hour) down 22 percent;
- Coarse Particulate Matter (24-hour) down 39 percent; and
- Fine Particulate Matter (24-hour) down 44 percent.

However, EPA Administrator Scott Pruitt does note, "Despite this success, there is more work to be done. Nearly 40 percent of Americans are still living in areas classified as 'nonattainment' for failing to achieve national standards. EPA will continue to work with states, tribes, and local air agencies to help more areas of the country come into compliance."

See more information [here](#). [Poole]

U.S. EPA Tests New Smoke Sense App to Educate Public and Gather Information

Area of Focus: [Air](#)

U.S. EPA has released a new smartphone app that will help develop risk communication strategies and determine the extent that exposure to wildland fire smoke affects health and productivity. The [Smoke Sense app](#), currently available only for Android phones, allows individuals to learn about wildfires and smoke health risks in their area, report their health symptoms, and report the range of actions they are willing to take to reduce their exposure. The app provides users current and forecasted air quality by zip code and a map showing current fires and smoke plumes. More information about the app and the research it supports is available [here](#).

With the nation in the midst of wildfire season and wildfire smoke triggering air pollution advisories, states may want to review information in [Wildfire Smoke: A Guide for Public Health Officials](#) to help prepare for and address wildfire smoke events. [Hanson]

U.S. EPA Adds Superfund Sites to National Priorities List

Area of Focus: [Waste](#)

U.S. EPA announced July 31 that it is adding seven, and proposing to add four, hazardous waste sites to the Superfund program's National Priorities List (NPL). Superfund law directs EPA to update the NPL annually, and only sites added to the NPL are eligible to receive federal funding for long-term permanent cleanup.

"My goal as Administrator is to restore the Superfund program to its rightful place at the center of the agency's core mission," said EPA Administrator Scott Pruitt. "When we clean up these sites, we make communities healthier places to live and clear the way for development and increased economic activity."

The following sites are being added to the final NPL:

- The Battery Recycling Company in Bo. Cambalache, Puerto Rico
- Former Custom Cleaners in Memphis, Tennessee
- Highway 18 Ground Water in Kermit, Texas
- Microfab Inc. in Amesbury, Massachusetts
- Old Highway 275 and N. 288th Street in Valley, Nebraska
- Post and Lumber Preserving Co. Inc. in Quincy, Florida
- Saint-Gobain Performance Plastics in Village of Hoosick Falls, New York

The following sites are being proposed for addition to the NPL:

- Newark South Ground Water Plume in Newark, Delaware
- American Creosote DeRidder in DeRidder, Louisiana
- Mississippi Phosphate Corporation in Pascagoula, Mississippi
- Eagle Industries in Oklahoma City, Oklahoma

Federal Register notices and supporting documents for the final and proposed sites are [here](#). [Parisien]

Opportunities

U.S. EPA Seeks State Officials for Local Government/Small Community Advisory Committees

U.S. EPA seeks local, state, and tribal elected and appointed officials for its Local Government Advisory Committee (LGAC) and the Small Community Advisory Committee (SCAC). The LGAC provides advice on the development and implementation of agency programs at the local level, while SCAC members serve to represent communities of under 10,000. Applications are due **August 10** for consideration for September 2017 appointments to 1-2 year terms.

The full solicitation is available [here](#). [Parisien]

Upcoming Events

Calls

PFAS Workgroup

ECOS and U.S. EPA's joint PFAS Workgroup will host a bimonthly call for interested state and EPA partners on **August 7 at 4-5 p.m. Eastern**. The purpose of the call is to share information on PFAS work, including analytical methods, toxicity, and treatment. Monday's call will feature a discussion of EPA's cross-agency coordination of PFAS activities from the agency's Office of Research and Development (ORD) Acting Assistant Administrator Bob Kavlock, as well as an update on the EPA's PFAS Analytical Methods Workgroup from Co-Chairs Cindy Caporale of Region 3, Schatzi Fitz-James of the Office of Land and Emergency Management, and Chris Impellitteri of ORD. States will also have time to share and discuss their PFAS updates.

Please pre-register for the call by contacting [Sarah Grace Longworth](#) of ECOS with questions or for a copy of the workgroup's May call summary. [Longworth]

Webinars

ECOS and U.S. EPA on Compliance Research Part 2

Jodi Short of the University of California Hastings College of Law will present “Monitoring: A Review of Research on Inspection and Compliance for Regulators” on **August 9 at 3-4:30 p.m. Eastern**. The research highlights what is known about the way monitoring practices can drive – or undermine – compliance.

The Compliance Research Webinar Series, hosted by EPA OECA's NETI and designed for ECOS, U.S. EPA, and state environmental agencies, will help program administrators understand how collaboration with academics can identify effective and measureable approaches to compliance. In each of the webinars, social and behavioral scientists from top universities will present research findings on compliance monitoring, rule and permit design, reporting and transparency, and innovative enforcement. Following the presentations, participants will discuss program initiatives that can be put to the test through collaboration with academics.

Additional webinars will be held as follows:

- Rule and Permit Design – **September 28, 2-3:30 p.m. Eastern**
- Reporting and Transparency – **October 24, 2-3:30 p.m. Eastern**
- Innovative Enforcement – **November (TBD)**

For more information, please contact Sonia Altieri at saltieri@ecos.org. [Altieri]

ITRC on Long-Term Contaminant Management Using Institutional Controls

On **August 14 at 1-3:15 p.m. Eastern**, ITRC will host an online training on Long-Term Contaminant Management Using Institution Controls (ICs).

ICs are administrative or legal restrictions that provide protection from exposure to contaminants on a site. When ICs are jeopardized or fail, direct exposure to human health and the environment can occur. After attending this training, participants will be able to describe best practices and evolving trends for IC management at individual sites and across state agency programs, improve IC reliability and prevent IC failures, and improve existing, or develop new IC management programs.

Learn more and register [here](#). [Bodi]

U.S. EPA on Water Finance Clearinghouse

U.S. EPA, through the [Water Infrastructure and Resiliency Finance Center](#), this week launched the [Water Finance Clearinghouse](#), a web-based portal to help communities make

informed financing decisions for their drinking water, wastewater, and stormwater infrastructure needs. The Clearinghouse contains a database with more than \$10 billion in water funding sources and more than 550 resources to support local water infrastructure projects. The clearinghouse follows a crowdsourcing model and can be updated in real time based on suggestions from states, federal agencies, and other water sector stakeholders through the Contributor Portal.

States can [register](#) for webinars on how to use the Clearinghouse on **August 14, 18, 24, and 31**. All webinars will be held at **2-3 p.m. Eastern**. [Piper]

U.S. EPA on CROMERR Shared Services

EPA's Office of Environmental Information will hold an open call on its Shared Cross-Media Electronic Reporting Rule (CROMERR) Services (SCS) as a follow-up to the webinar held in May. Over the past couple of years, EPA has assisted co-regulators in implementing electronic reporting programs by developing and managing CROMERR- compliant services centrally and offering these services to co-regulators as needed to reduce time and money from developing and maintaining these services independently.

This webinar will be held on **August 16 at 2 p.m. Eastern**. U.S. EPA will present the latest enhancements and alternatives available to co-regulators and discuss the processes, roles, and resource requirements for integrating and managing SCS. Existing SCS implementers and those planning to implement new electronic reporting programs in their agencies may be interested in attending.

To register, click [here](#). [Ortiz/Parisien]

U.S. EPA on ECHO Training

Join the [Enforcement and Compliance History Online](#) (ECHO) team for another quarterly training webinar. This webinar will focus on water facility search tools including the water facility search, effluent charts, and the pollutant loading tool.

The webinar will be held on **August 22 at 1:30 p.m. Eastern**, and registration is available [here](#). It will be recorded for the [training page](#) if this time conflicts with your schedule. [Piper]

EPA Tools and Resources Webinar

U.S. EPA will hold its monthly Tools and Resources Webinar on **August 23 at 3-4 p.m. Eastern**. The webinar will highlight the National Stormwater Calculator (SWC), which supports local, state, and national stormwater management objectives and regulatory efforts to reduce runoff and impairment through infiltration and retention using green infrastructure practices as low impact development controls. The primary focus of the SWC is to inform site developers as to how well they can meet a desired stormwater retention

target with and without the use of green infrastructure. While the SWC currently operates only as a Windows-based desktop program, a mobile application version compatible with all operating systems will be released this fall.

To join the webinar, register [here](#). [Longsworth]

U.S. EPA on Water Issues

U.S. EPA has two ongoing webinar series addressing clean water and small water systems. The Office of Research and Development (ORD) hosts a series on [water research](#), with the following monthly webinars scheduled:

- **August 30** - Nutrients: Weatherizing, Salinization, and Evolution of Urban Water
- **October 25** - Life Cycle Assessment as a Decision Support Tool

More information on the water research webinar series, including how to register, is available [here](#).

In addition, ORD and the Office of Water host a monthly [webinar series on small drinking water systems](#). Their schedule for the rest of the year is:

- **August 29** - Treatment and Control for Manganese and Iron
- **September 26** - Small Systems Research DeRISK Center
- **October 31** - State Acceptance of UV Disinfection Technologies
- **November 28** - Lead in Schools and Selecting Lead Free Fixtures
- **December 12** - Residual Chlorine and Calibration Check for Chlorine Instruments

More information on the small systems webinars, including recordings of past webinars and how to register, is available [here](#). [Hanson]



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From: Kelly Poole
To: Shaw, Betsy
CC: Ben Grumbles; George Aburn -MDE-; Carolyn Hanson; Wood, Anna; Kornylak, Vera S.; Tyler, Tom; Barbery, Andrea
Sent: 2/8/2018 11:09:06 PM
Subject: State Input for EPA SIP Lean Event, Feb. 12 - 16
Attachments: State Responses to SIP Process Questions_2-8-2018.pdf

Dear Deputy Assistant Administrator Shaw:

The Environmental Council of the States (ECOS) appreciates the opportunity for state engagement with EPA in its SIP Lean event taking place February 12-16. We believe the comments below and attached will prove to be valuable additions to this process.

After the discussion with the SIP Review Workgroup (SRWG) on January 29, ECOS shared the seven questions from the slide titled "5 SIP Sub-processes: From SIP Need to SIP Action Decision" with the ECOS Air Committee. Eleven states representing eight EPA Regions provided written responses to the questions and they are being shared as an attachment to this email.

ECOS would like to note that the input provided here does not reflect a consensus view of states.

State input highlights include:

- **Timely guidance:** In order to expedite the SIP process, EPA should provide necessary guidance documents at the beginning of the process. Many comments indicated it would be ideal if guidance were issued no later than the publication date of designations for a new or revised air quality standard. If guidance is not available or issued too late to be taken into account, it can be difficult to develop an approvable SIP by the designated deadline. Additionally, a SIP may have been submitted in a timely manner but an EPA guidance document comes out after the submittal. The state then must wait to see what aspects of the SIP are deemed acceptable or deficient and what must be rewritten to comply with the new guidance.
- **EPA Staff Involvement:** In general, states are appreciative of early involvement from knowledgeable and responsive EPA Regional employees. This involvement often expedites approval once a SIP is submitted. However, at times it does not appear that there is clear communication between the EPA Region and EPA Headquarters. This can raise questions late in the process that cause delay in approval of the SIP. A more thorough review should be completed by all reviewers (Region staff, ORC, and EPA HQ) during the draft phase. The Region should consult with OGC and HQ before giving comments to states on draft SIPs. This would allow all issues that could pose an approvability problem to be found prior to a final SIP submittal.
- **Clear Understanding of Statutory Requirements:** In order to expedite the SIP process, it would be helpful if all applicable statutory and regulatory requirements were laid out at the beginning of the process and were not amended once the process began. While the Clean Air Act statutory requirements have not changed, NAA SIP guidance changes.

- **State Discretion:** Under the Clean Air Act, states have the primary responsibility for developing and implementing plans to attain and maintain the NAAQS. Allow states to develop SIPs based on their technical judgment, as long as what the state does is consistent with the CAA. EPA should identify what elements of a SIP are specifically required by statute or regulation and which elements EPA has discretion as to how to apply or interpret. It can be challenging when EPA takes positions or requires provisions where EPA is substituting their decisions for the state's decisions which is contrary to how the CAA is set up.

Please see the attached document of state responses, and feel free to let me know if you have any thoughts or questions on this matter.

Sincerely,

Kelly Poole, JD
Senior Project Manager
Environmental Council of the States
50 F Street NW, Suite 350
Washington, DC 20001

Ex. 6

kpoole@ecos.org